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AUDUBON MAGAZINE

Forty-second Christmas Bird Count

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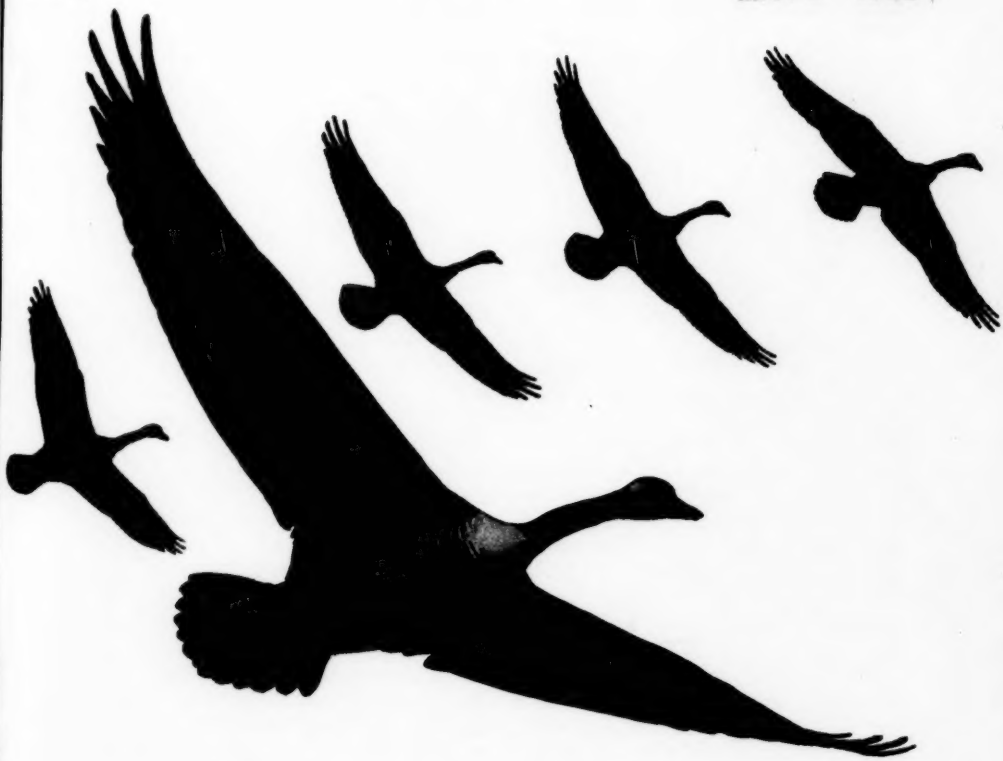

SUPPLEMENT TO AUDUBON MAGAZINE JANUARY-FEBRUARY, 1942

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NATIONAL AUDUBON SOCIETY

Audubon Magazine's Forty-Second Christmas Bird Count

AFTER the events of early December, we felt more or less convinced that the number of Christmas bird counts would show a rather sharp decline. Many of our friends were in military service, many favorite birding areas would be closed to the enumerators, in many an instance defense activities would drastically curtail the amount of time that could be devoted to the pleasurable pastime of counting birds. We waited . . . and when all the reports were in, we got out paper and pencil and figured. There were 327 of them, exactly the same number as last year, but the total number of participants had climbed from 2200 to 2400. Almost four million birds were tabulated. The letters printed on the back cover bear witness that wartime bird counting was not without its difficulties, but we were glad to note the absence of any resentment on the part of bird counters at being questioned.

There was a curious ornithological parallel between the winters of 1941 and 1916, when this country was on the brink of entering World War I. Not since then have we had a flight of Brown-capped Chickadees through New England and New York. During the fall observers in the East noticed an abnormal influx of Black-capped Chickadees, which again corresponds to the situation in 1916; reports indicate that this main flight of Black-caps centered, during the Christmas period at least, through New Jersey, Pennsylvania and Ohio, along the northern range limit of the Carolina Chickadee. It was a flight year for Evening Grosbeaks in the Northeast, again comparable to 1916. Pine Grosbeaks and Redpolls distributed themselves quite generally as far south as New Jersey, but crossbills did not repeat their southward movement of last winter. Twice as many Golden-crowned Kinglets appear on the 1941 lists, with unusual numbers noted regularly south to the Gulf States and through the Middle West. Comparison with the winter of 1916 stops with the Snowy Owl, which this year invaded the eastern seaboard to New Jersey and spread west through Ohio, Minnesota and the Dakotas.

Honors for the highest number of species and subspecies reported on a single count this year go to the group from Charleston, S. C., with their list of 124. Runners-up from seven different States, with totals over 100, are: San Diego, Calif., 123; Merritt's Island, Fla., 119; Los Angeles, Calif., 118; Cape May, N. J., 115; Santa Catalina Mts., Ariz., 112; Monterey Peninsula, Calif., 109; Bombay Hook, Del., 108; Easthampton, N. Y., 101; Oakland, Calif., 100; Cove, Texas, 100. Reports from five different States estimated a total number of individual birds counted as over 100,000: Chautauqua, Ill., 658,668; Deer Flat National Wildlife Refuge, Idaho, 386,558; Salton Sea, Calif., 265,877; Raritan Estuary, N. J., 256,587; Bear River National Wildlife Refuge, Utah, 205,216; Davis, Calif., 189,109.

With the number of counts that are now being taken and with printing and paper costs on a steady upward climb, we were heartened this year by the number of individuals who joined our Christmas Bird Count Club. Equally gratifying was the enthusiastic response meeting our appeal that each participant pay membership dues of ten cents and thereby contribute, in a small way, toward defraying cost of printing this supplement. Contributions this year amounted to $150.

Anchorage, Alaska.—Dec. 27; 10 A.M. to 4 P.M. Cloudy; wind slight; 6-in. snow; temp. 20° at start. One observer covering about 4 miles afoot. Magpie, 3; Raven, 6; Long-tailed Chickadee, 10; Hudsonian Chickadee, 6; Pine Grosbeak, 7; Redpoll, 59. **Total,** 6 species; 91 individuals.—CLAYTON POLLARD.

Mountain Village, Alaska (area along Yukon River about 80 miles from its mouth; typical arctic tundra, sheltered valleys with considerable scrubby growth of alder and willow, hilltops covered with short grasses, lichens, etc.).—Dec. 28; from sunrise at 10.20 A.M. to sunset at 3.15 P.M. Fair; snow cover from 2 inches in exposed places to 4 feet in ravines; wind east, 10 to 15 m.p.h.; temp. 27° at start, 20° at return. Seven miles on foot over hills, through brushy ravines, and across flat tundra. Willow Ptarmigan, 158; Alaska Jay, 1; Raven, 1; Chickadee, 1; Redpoll, 83. **Total,** 5 species; 244 individuals. The chickadee was not identified as to subspecies as I had only a glimpse of it.—HENRY C. KYLLINGSTAD.

Hudson Heights, Que. (including Whitlock Federal Government Bird Sanctuary; fields and woods, including Whitlock golf course property, within 3 miles of the Masonic Temple Building, Hudson Heights on the south side of Lac de Deux Montagnes, including about 1¼ miles of the lake-shore).—Dec. 28; 8 A.M. (D. S. T.) to 4.30 P.M. Cloudy; 1½ to 2-in. snow on ground; lake frozen; wind southwest, light; temp. 20° at start, to 26°, 22° at return. Sixteen observers in 7 parties. Total hours afield, 34½ (21 by foot, 13½ by skis); total party miles, 75½ (59 by foot, 16½ by skis). Ruffed Grouse, 13 (+1 dead, found beside railway telegraph pole); Hairy Woodpecker, 13 (includes 1 ♀ caught by cat, brought to Ommanney by boy, died within ½ hour); Downy Woodpecker, 14; Am. Three-toed Woodpecker, 1 (first record for district; seen on dead spruce within 2 yards, so close that the 3 toes, ladder back and yellow on head could be clearly observed —Puxley, Clarke); Canada Jay, 8 (+ 1? imm. found dead, frozen into snow); Blue Jay, 48; Black-capped Chickadee, 120; Acadian Chickadee, 3; White-breasted Nuthatch, 8; Brown Creeper, 6; Cedar Waxwing, 2; Starling, 6; Purple Finch, 7; Pine Grosbeak, 6; Common Redpoll, 82 (5 flocks); Pine Siskin, 60; Goldfinch, 8; White-winged Crossbill, 18; Slate-colored Junco, 5; Tree Sparrow, 14; Snow Bunting, 100. **Total,** 21 species; 542 individuals. Fresh workings of Pileated Woodpecker; Evening Grosbeaks seen during the past week.—MRS. R. L. PUXLEY, MRS. D. L. MACAULAY, MRS. P. B. BUCKLEY, MAJOR and MRS. GEORGE RILEY, MR. and MRS. ARTHUR HILL, MR. and MRS. E. D. CROLL, AMY CLARKE, BRUCE LANCEY, G. G. OMMANNEY, PAT SUGRUE, DUNBAR MULLAN, JEAN BONNARD, MISS BOWER.

Montreal, Que. (Mount Royal, Westmount, Cote St. Luc, Cartierville, St. Lawrence River and South Shore from Dorval to Longueuil).—Dec. 21; 8.45 A.M. to 5 P.M. (D. S. T.). Sunshine, clear sky; wind west; temp. −6° at start, −3° at finish; 9-in. snow on ground. Eighteen observers working in 7 groups. Total party miles afield, 151 (34 afoot, 10 on skis, 2 by boat, 105 by car); total hours afield, 34. Am. Golden-eye, 213; Am. Merganser, 6; Goshawk, 1; Iceland Gull, 2; Herring Gull, 9; Snowy Owl, 5; Hairy Woodpecker, 7; Downy Woodpecker, 10; Crow, 3; Black-capped Chickadee, 51; White-breasted Nuthatch, 5; Brown Creeper, 1; Cedar Waxwing, 10; Starling, 850 (est.); English Sparrow, 1150 (est.); Pine Grosbeak, 206 (est.); Common Redpoll, 122; Snow Bunting, 55. **Total,** 19 species; about 2706 individuals. Ruffed Grouse, Screech Owl, Canada Jay, Evening Grosbeak seen within week.—P. C. and R. S. ABBOTT, J. ANGLIN, M. BOWER, J. A. DECARIE, J. D. FRY, B. GOLLOP, E. HALL, G. HIBBARD, H. A. C. JACKSON, J. G. M. LEMOINE, R. LEPINGWELL, E. MUNROE, R. OUTHET, B. ROBINSON, D. RYAN, D. SCOTT, V. C. WYNNE-EDWARDS (Prov. Quebec Society for the Protection of Birds).

Barrie, Ont. (2-mile walk around lake-shore within town limits, 5-mile walk through brush and swamp on south and east side of Little Lake).—Dec. 26; 9 A.M. to 12.30 P.M., 1 to 6 P.M. Overcast; some snow flurries; strong east wind; lake frozen; temp. 25°; 4-in. snow with hard crust. Two observers together in morning, 1 alone in afternoon. Total hours afield, 8½; total miles by foot, 15; by car, 8 (for transportation only). Common Loon, 2; Ring-necked Duck, 2; Canvasback, 1; Greater Scaup, 5; Am. Golden-eye, 4; White-winged Scoter, 2; Ruffed Grouse, 14; Herring Gull, 50; Ring-billed Gull, 5; Snowy Owl, 1; Pileated Woodpecker, 1; Hairy Woodpecker, 1; Canada Jay, 2; Blue Jay, 3; Black-capped Chickadee, 20; White-breasted Nuthatch, 1; Red-breasted Nuthatch, 1; Golden-crowned Kinglet, 3; Northern Shrike, 1; Starling, 50; English Sparrow, 50; Evening Grosbeak, 54; Pine Grosbeak, 11; Redpoll, 25; Tree Sparrow, 6; Lapland Longspur, 15; Snow Bunting, 100. **Total,** 27 species; 430 individuals.—EDWIN LAWS, E. L. BRERETON.

Cobourg, Ont. (from Pratt's Pond, a small wildlife sanctuary 1 mile north of Cobourg, northeast 5 miles to Baltimore through cedar woods along creek, returning through hardwoods and open fields).—Dec. 23; 9 A.M. to 6 P.M. Overcast; rain all afternoon; 1-in. old snow in woods; wind strong, east; temp. 36° at start, 40° at finish; Pratt's Pond frozen over, creek partly so. One observer. Total miles afoot, 10; total hours afoot, 9. Ruffed Grouse, 11; Pheasant, 9; Herring Gull, 2; Rock Dove, 11 (feral); Mourning Dove, 38; Hairy Woodpecker, 3; Downy Woodpecker, 1; Canada Jay, 1; Blue Jay, 4; Black-capped Chickadee, 31; White-breasted Nuthatch, 1; Brown Creeper, 1; Golden-crowned Kinglet, 4; Red-wing, 1; Cardinal, 2; Pine Grosbeak, 4; Redpoll, 7; Goldfinch, 4; Slate-colored Junco, 26; Tree Sparrow, 1; Snow Bunting, 4. **Total,** 21 species; 166 individuals.—ALEC LUCAS.

Hamilton, Ont. (Dundas Valley west to Ancaster, Hamilton, and Harbor, Stoney Creek, Aldershot, Lake Medad, Burlington, Bronte).—Dec. 21; 8.40 A.M. to 6.30 P.M. (E.D.S.T.). Clear morning and evening, light snow flurry at 1 P.M.; ground mostly bare; wind 8 mi. north at start, 15 mi. east at return; temp. 11° at start, 23° at return. Thirty-one observers working in 14 parties

and at 5 separate feeding stations. Total hours afield, 81; total party miles, 264 (139 by foot and 125 by car). Common Loon, 2; Horned Grebe, 3; Mallard, 18; Black Duck, 370; Gadwall, 10; Baldpate, 1; Pintail, 2; Ring-necked Duck, 1; Canvas-back, 4; Greater Scaup, 350; Am. Golden-eye, 410; Buffle-head, 9; Old-squaw, 1; White-winged Scoter, 12; Hooded Merganser, 16; Am. Merganser, 239; Red-breasted Merganser, 88; Sharp-shinned Hawk, 1; Cooper's Hawk, 1; Red-tailed Hawk, 7; Red-shouldered Hawk, 1; Rough-legged Hawk, 1; Marsh Hawk, 1; Sparrow Hawk, 3; Ruffed Grouse, 49; European Partridge, 9; Pheasant, 133; Killdeer, 1; Glaucous Gull, 2; Black-backed Gull, 98; Herring Gull, 1898 (est.); Ring-billed Gull, 16; Great Horned Owl, 4; Snowy Owl, 1; Barred Owl, 2; Long-eared Owl, 2; Kingfisher, 1; Hairy Woodpecker, 10; Downy Woodpecker, 60; Blue Jay, 61; Crow, 6; Chickadee, 254; White-breasted Nuthatch, 39; Red-breasted Nuthatch, 1; Brown Creeper, 2; Mockingbird, 1; Robin, 4; Golden-crowned Kinglet, 5; Starling, 836; English Sparrow, 1940 (est.); Cardinal, 22; Common Redpoll, 9; Goldfinch, 27; White-winged Crossbill, 1; Junco, 391; Tree Sparrow, 291; Swamp Sparrow, 1; Song Sparrow, 12; Snow Bunting, 1. **Total,** 59 species; approximately 7741 individuals. Angus Jackson found the Mockingbird at Stoney Creek, feeding on honeysuckle berries.—Don, Neil and R. D. F. Bourne, Bill Campbell, York Edwards, Bob Elstone, Mrs. J. G. Farmer, Maurice Hackman, Peter Henderson, Oliver Hewitt, A. B. Jackson, H. E. Kettle, Frank Kroeger, Miss J. M. Magee, Eleanor Malcolm, John MacArthur, Don MacDonald, Mrs. A. E. MacLoghlin, Neil Matthews, Douglas McCallum, Dr. and Mrs. G. O. McMillan, Ruby Mills, Tom Murray, G. W. North, Mrs. H. C. Nunn, Ken Rieger, Doris and J. Murray Speirs, Laura Stewart, J. H. Williams (members Hamilton Bird Protection Society, Inc.).

London, Ont. (vicinity and Thames River valley to a point about 10 miles west of city).—Dec. 27; 8 a.m. to 4 p.m. Wet snow in morning, sky overcast in afternoon; 2-in. snow on ground; light southwest wind; temp. 34°, 40° at noon, 31° at 4 p.m. Seventeen observers in 10 parties and 9 observers at 6 feeding stations. Total hours afield, 19 (15 on foot, 4 by car); total hours afield, 8; total party hours, 35. Great Blue Heron, 2; Black Duck, 4; Am. Golden-eye, 4; Am. Merganser, 46; Red-tailed Hawk, 7; Sharp-shinned Hawk, 1; Rough-legged Hawk, 7; Bald Eagle, 1; Ruffed Grouse, 1; Bob-white, 16; Pheasant, 30; Wilson's Snipe, 1; Herring Gull, 102; Great Horned Owl, 4; Long-eared Owl, 1; Belted Kingfisher, 2; Hairy Woodpecker, 8; Downy Woodpecker, 54; Blue Jay, 37; Crow, 5; Black-capped Chickadee, 235; Brown Creeper, 3; White-breasted Nuthatch, 48; Golden-crowned Kinglet, 23; Starling, 131; English Sparrow, 391; Cardinal, 71; Purple Finch, 1; Goldfinch, 17; Slate-colored Junco, 89; Tree Sparrow, 34; Song Sparrow, 1; Snow Bunting, 247. **Total,** 33 species; 1624 individuals.—N. Rae Brown, Gord. Cummings, Eli Davis, Ann Dunstan, Jim Eadie, Frances Girling, Rodger Hedley, J. C. Higgins, G. W. Hofferd, Don Hooper, Chas. Johnstone, Gord. Leach, Will Lott, Allen Loughrey, Lea Marsh, J. C. Middleton, William Morris, Jack McGugan, E. H. McKone, A. G. Sabine, W. E. Saunders, Miller Stuart, Don Sutton, Mrs. Theodie, Ruth Wescott (McIlwraith Ornithological Club).

Ottawa, Ont. (radially about city).—Dec. 21; 7.15 a.m. to 4.30 p.m. Sky cloudless; 9-in. snow; wind light, west to northwest; temp. −8.5° at 8 a.m., +3.5° at 2 p.m. Twenty observers in 9 parties. Total party hours, 51 (49 on foot, 2 by car); total party miles, 94 (74 on foot, 20 by car). Black Duck, 1; Golden-eye, 69; Am. Merganser, 10; Ruffed Grouse, 10; Pheasant, 4; Herring Gull, 1; Screech Owl, 1; Hairy Woodpecker, 7; Downy Woodpecker, 22; Am. Three-toed Woodpecker, 1 (ladder back and other markings clearly seen with 5× binoculars at 35 feet—Hennessy and Hammond); Canada Jay, 9; Blue Jay, 10; Crow, 2; Black-capped Chickadee, 203; Hudsonian Chickadee, 1 (watched 10 min. at 15 ft.; brownish head clearly seen—Lloyd); White-breasted Nuthatch, 17; Red-breasted Nuthatch, 4; Brown Creeper, 1; Waxwing (sp.?), 10; Starling, 115; English Sparrow, 1028; Evening Grosbeak, 1; Pine Grosbeak, 32; Redpoll (probably all Common, 2 certainly identified as such), 117; Goldfinch, 39; Junco, 1; Tree Sparrow, 1; Snow Bunting, 325. **Total,** 28 species; 2042 individuals. Northern Shrike, 1, Dec. 20.—R. M. Anderson, F. E. Banim, A. W. A. Brown, J. Brown, C. H. D. Clarke, Muriel Clarke, Murray Curtis, R. E. DeLury, Willard Dennis, Claude Edwards, Donald Gates, G. H. Hammond, T. S. Hennessy, W. H. Lanceley, Harrison F. Lewis, Hoyes Lloyd, Robert Lockwood, L. K. Poupore, D. A. Ross, E. A. Ross (Ottawa Field-Naturalists' Club).

Pakenham (Lanark Co.), Ont.—Dec. 26; 7.30 a.m. to 4.15 p.m. Overcast sky, no sunlight all day; wind north, light; fields bare with scattered patches of snow and ice; 3-in. snow in woods; creeks filled with water owing to heavy rain on Dec. 24; temp. 18° at start, 25° at noon and at 4.15 p.m. One observer out all day, walked 8 miles; one observer out in afternoon, walked 4 miles. Ruffed Grouse, 3; Hairy Woodpecker, 2; Blue Jay, 8; Crow, 1; Black-capped Chickadee, 18; White-breasted Nuthatch, 8; Red-breasted Nuthatch, 3; Starling, 48; Evening Grosbeak, 50; Pine Grosbeak, 4; Common Redpoll, 9; Pine Siskin, 4; Snow Bunting (heard). **Total,** 13 species; 158 individuals.—Edna G. Ross, A. F. Ross.

Simcoe, Ont. (Long Point, Turkey Point, Port Dover, Backus woods and Lynn Valley).—Dec. 21; 8 a.m. to 5 p.m. Bright; wind east, strong; temp. 14°. Five parties: 3 by car in morning to Long Point, Turkey Point and Backus woods; 2 parties by foot to Lynn Valley in afternoon. Total hours afield, 89; total party miles, 147 (107 by car, 40 by foot). Great Blue Heron, 1; Mallard, 16; Black Duck, 30; Redhead, 76; Canvas-back, 1200 (est.); Greater Scaup, 50; Am. Golden-eye, 54; Buffle-head, 6; Ruddy Duck, 3; Hooded Merganser, 14; Am. Merganser, 90; Red-shouldered Hawk, 1; Bald Eagle, 1; Marsh Hawk, 4; Ruffed

Grouse, 3; Pheasant, 12; Herring Gull, 91; Ring-billed Gull, 1; Bonaparte's Gull, 13; Rock Dove, 21; Mourning Dove, 30 (Preston, Dutton, Milnes, Landon); Screech Owl, 1; Snowy Owl, 1; Belted Kingfisher, 2; Hairy Woodpecker, 1; Downy Woodpecker, 14; Blue Jay, 16; Crow, 1; Black-capped Chickadee, 71; White-breasted Nuthatch, 5; Red-breasted Nuthatch, 16; Brown Creeper, 6; Golden-crowned Kinglet, 7; Starling, 100 (est.); English Sparrow, 353; Meadowlark, 1 (Beemer, North, Kragh); Bronzed Grackle, 2 (Preston); Cardinal, 9; Goldfinch, 1; Slate-colored Junco, 138; Tree Sparrow, 362; Song Sparrow, 7; Snow Bunting, 55. **Total,** 43 species; approximately 2886 individuals.—H. Sivyer, Ed Dutton, H. Milnes, W. Miles, W. Kragh, M. Landon, B. Addison, F. North, K. Beemer, J. McInally, A. Preston (members and friends J. W. Crow Nature Club).

Woodstock-Ingersoll, Ont. (Ingersoll to Waterworks woods, Centreville quarries and cedars, Woodstock City springs and Sweaburg Swamp, Hodges Pond).—Dec. 28; 8.30 a.m. to 5 p.m. Cloudy; fine snow all day; temp. 28° at start, dropping slightly. Three parties during morning. Total miles, 67 (27 by car, 40 by foot). Black Duck, 200±; Sharp-shinned Hawk, 2; Ruffed Grouse, 6; Pheasant, 9; Herring Gull, 3; Great Horned Owl, 2; Belted Kingfisher, 1; Hairy Woodpecker, 1; Downy Woodpecker, 19; Blue Jay, 3; Black-capped Chickadee, 250±; White-breasted Nuthatch, 8; Golden-crowned Kinglet, 100±; Starling, 150±; English Sparrow, 500±; Cardinal, 21; Goldfinch, 27; Slate-colored Junco, 68; Tree Sparrow, 105; Song Sparrow, 2. **Total,** 20 species; approximately 1477 individuals.—E. Dutton, C. Cooke, W. Kragh, J. Keen, D. Sivyer, H. Sivyer, H. Milnes (Woodstock Naturalist Society).

York Mills, Ont. (3 miles along West Don valley from North Toronto City limits, heavily forested with considerable undergrowth).—Dec. 22; 12 m. to 6 p.m. Cloudy; temp. about 34° at the start, 31° at return. One observer. Total hours afield, 6 (by foot); total party miles, 6 (by foot). Mallard, 12; Pheasant, 13; Herring Gull, 1; Barred Owl, 2; Belted Kingfisher, 2; Yellow-bellied Sapsucker, 1 [no details—Ed.]; Hairy Woodpecker, 1; Downy Woodpecker, 5; Blue Jay, 3; Crow, 9; Black-capped Chickadee, 35; White-breasted Nuthatch, 2; Cedar Waxwing, 14; English Sparrow, 721; Cardinal, 1; Purple Finch, 28; Pine Siskin, 2; Goldfinch, 7; Slate-colored Junco, 3; Tree Sparrow, 2. **Total,** 20 species; 864 individuals.—Merrick Jarrett.

Bar Harbor, Maine (Mount Desert Island).—Dec. 26; 8 a.m. to 4 p.m. Overcast most of day; ground bare, unfrozen; calm in morning, wind shifting to northwest, light; low tide at 11.14 a.m., sea calm; temp. 35° at start, 40° at return. Ten observers in 5 groups. Total party hours afield, 26 (12 by car, 14 afoot); total party miles, 175 (165 by car, 10 afoot). Common Loon, 3; Red-throated Loon, 1; Holboell's Grebe, 4; Horned Grebe, 12; Pied-billed Grebe, 2; European Cormorant, 45; Black Duck, 345; Scaup, 36; Am. Golden-eye, 125; Buffle-head, 37; Old-squaw, 122; Am. Eider, 20; White-winged Scoter, 90; Am. Scoter, 40; Red-breasted Merganser, 8; Red-tailed Hawk, 1; Bald Eagle, 5; Ruffed Grouse, 2; Pheasant, 1; Great Black-backed Gull, 9; Herring Gull, 280; Black Guillemot, 2; Rock Dove, 39; Hairy Woodpecker, 5; Downy Woodpecker, 5; Raven, 3; Crow, 65; Black-capped Chickadee, 90; Acadian Chickadee, 6; Red-breasted Nuthatch, 14; Brown Creeper, 1; Robin, 3; Golden-crowned Kinglet, 9; Northern Shrike, 1; Starling, 48; English Sparrow, 14; Bronzed Grackle, 1; Pine Grosbeak, 109; Redpoll, 9; Pine Siskin, 20; Goldfinch, 21; White-winged Crossbill, 17; White-throated Sparrow, 4; Fox Sparrow, 1; Song Sparrow, 2. **Total,** 45 species; 1677 individuals. Slate-colored Juncos and Tree Sparrows are known to be present, but escaped on the 26th. Two Snowy Owls were shot just off Mt. Desert Island on Dec. 24.—Mrs. Effie Anthony, Paul Favour, Walter Flagg, Allen Gross, Mrs. Alton Gross, Mrs. Earle Holt, Dr. C. C. Little, Vernon Lunt, Mr. and Mrs. Maurice Sullivan (members Mt. Desert Island Bird Club).

Bethel, Maine (woods and fields in a triangular area 2 miles east and 6 miles south of Bethel).—Dec. 27; 8.10 a.m. to 4.50 p.m. Cloudy; ground covered with 6-in. crusted snow; wind light, southeast changing to west in the p.m.; temp. 26° at start, 35° on return; occasional snow flurries changing to rain in the p.m. One observer alone. Total hours afield, 6¼ (5 on foot and on skis, 1¼ by car); total miles, 28 (22¼ by car, 5¾ on foot and on skis). Downy Woodpecker, 1; Blue Jay, 8; Black-capped Chickadee, 56; White-breasted Nuthatch, 1; Red-breasted Nuthatch, 2; Pine Grosbeak, 32. **Total,** 6 species; 100 individuals.—Dr. Homer E. Lawrence.

Boothbay Harbor, Maine (Boothbay, Barter's Island, Sawyer's Island, Boothbay Harbor, and Ocean Point).—Dec. 24; 8 a.m. to 3.30 p.m. Cloudy, heavy rain after 12.45 p.m.; wind southeast; temp. 32° at start, 40° at return. Total miles by car, 12; total miles afoot, 8; total hours afoot, 5½. One observer. European Cormorant, 1; Am. Golden-eye, 64; Old-squaw, 12; Ruffed Grouse, 2; Black-backed Gull, 15; Herring Gull, 239; Rock Dove, 3; Hairy Woodpecker, 2; Downy Woodpecker, 1; Crow, 29; Chickadee, 34; Robin, 2; Golden-crowned Kinglet, 3; Pine Grosbeak, 9. **Total,** 14 species; 416 individuals.—C. C. Taylor.

Brunswick, Maine (woods and fields from Brunswick to Mere Point and shore to Maquoit Bay for about 2 miles).—Dec. 25; 7 a.m. to 1 p.m. Cloudy; ground bare; sharp northwest wind; temp. 40° at start, 48° at return. Three observers in 1 party. Total hours afield, 6; total miles, 20 (4 miles by foot, 16 by car). Black Duck, 28; Am. Golden-eye, 20; Buffle-head, 34; White-winged Scoter, 4; Surf Scoter, 32; Red-breasted Merganser, 5; Broad-winged Hawk, 1 [no details—Ed.]; Herring Gull, 12; Downy Woodpecker, 2; Blue Jay, 3; Crow, 11; Black-capped Chickadee, 18; English Sparrow, 4; Evening Grosbeak, 125; Goldfinch, 28; Junco, 10; Tree Sparrow, 50; White-crowned Sparrow, 1 [no details—Ed.]; White-throated Sparrow, 3; Song Sparrow, 4; Snow Bunting, 12. **Total,** 21 species; 407 individuals.—Louise E. Gross, Alfred O. Gross, John Potter.

Danforth, Maine (through evergreen and hardwood woods, across open fields and through old orchards).—Dec. 26; 7.30 A.M. to 4.30 P.M. Cloudy; 3-in. snow in fields and woods; wind west, light; temp. 26° at start, 28° at return. Three observers in 1 party. Total hours afield, 8½ (5½ by car, 3 on foot); total miles, 50 (5 on foot, 45 by car). Ruffed Grouse, 2; Pileated Woodpecker, 2; Hairy Woodpecker, 5; Downy Woodpecker, 3; Blue Jay, 4; Crow, 2; Black-capped Chickadee, 100+; White-breasted Nuthatch, 2; Red-breasted Nuthatch, 4; Starling, 2; English Sparrow 50+; Pine Grosbeak, 25; Goldfinch, 1; White-winged Crossbill, 8; Slate-colored Junco, 10; Snow Bunting, 15. **Total,** 16 species; 235 individuals.—EVA FIFIELD, LEWIS HUFF, MARJORIE LEE.

Waterville, Maine (evergreen forests, bogs, streams, and hardwood growth).—Dec. 27; 7 A.M. to 5 P.M. Mostly overcast, with intermittent sunshine; very light wind; temp. 32° at start, 38° at noon, 32° at sundown. Four observers in 2 parties. Total party hours afield, 18 (1½ by car, 16½ afoot); total party miles, 65 (35 by car, 30 afoot). Am. Golden-eye, 8; Am. Merganser, 5; Ruffed Grouse, 2; Herring Gull, 10; Rock Dove, 40; Pileated Woodpecker, 1; Hairy Woodpecker, 1; Blue Jay, 1; Crow, 3; Black-capped Chickadee, 97; Red-breasted Nuthatch, 7; Brown Creeper, 1; Golden-crowned Kinglet, 1; Starling, 16; English Sparrow, 15; Evening Grosbeak, 5; Pine Grosbeak, 22; Redpoll, 75; Goldfinch, 25; Tree Sparrow, 30. **Total,** 20 species; 365 individuals.—HAROLD FROST, SR., HAROLD FROST, JR., WESLEY PERKINS, MARK LIBBY.

Wiscasset, Maine (Wisscasset to Popham Beach, to Damariscotta and environs of Audubon Nature Camp, mainland).—Dec. 26; 10 A.M. to 4 P.M. Clear; no wind; no snow; temp. 33° all day. About 100 miles by car, 5 on foot. European Cormorant, 1; Black Duck, 100+; Am. Golden-eye, 24; Am. Scoter, 5; Red-breasted Merganser, 1; Bald Eagle, 3; Black-backed Gull, 50+; Herring Gull, 200+; Kingfisher, 1; Blue Jay, 1; Raven, 1; Crow, 7; Black-capped Chickadee, 11; Red-breasted Nuthatch, 4; Starling, 10; English Sparrow, 5. **Total,** 16 species; approximately 424 individuals.—DOROTHY CLINTON WASHINGTON, JOHN WASHINGTON.

Hanover, N. H. (1 mile north along the Connecticut River, 3 miles west of Norwich, Vt., 4 miles east to Etna, N. H., 10 miles southeast along the Queeche Creek, 14 miles southeast to North Canaan, N. H., and south along the Connecticut River for 10 miles).—Dec. 26; 9 A.M. to 4 P.M. Clear; ground covered with 3-in. snow and ice; temp. 25°. Eight observers in 5 parties. Total hours afield, 14 (9 afoot, 5 by car); total miles, 43 (8 on foot, 35 by car). Am. Merganser, 1; Pileated Woodpecker, 1; Hairy Woodpecker, 2; Downy Woodpecker, 9; Blue Jay, 15; Black-capped Chickadee, 118; White-breasted Nuthatch, 8; Red-breasted Nuthatch, 16; Northern Shrike, 1; Starling, 19; English Sparrow, 96; Evening Grosbeak, 85; Purple Finch, 1; Common Redpoll, 72; Goldfinch, 25; Tree Sparrow, 49; Snow Bunting, 425. **Total,** 17 species; 943 individuals. Dec. 23, Barred Owl, 1; Dec. 28, Herring Gull, 1.—RICHARD MARBLE, EDITH HASKINS, LOUISE FORSYTH, WESLEY LANYON, WENDELL COX, RICHARD WEAVER, ALICE MCALLISTER, ROBERT RICARD (members Dartmouth Natural History Club).

Barre, Vt. (first hour at feeding station, then through fields and woods near Barre and on Trow and East Hills).—Dec. 28; 8.15 A.M. to 3.15 P.M. Cloudy; ground bare most of way, 1 to 3 inches of crusty snow in places; light east breeze until 1 P.M., no wind later; temp. 22° at start, 26° at return. Total hours afield, 7; total miles on foot, 7. Rock Dove, 11; Hairy Woodpecker, 2; Downy Woodpecker, 2; Black-capped Chickadee, 7; White-breasted Nuthatch, 3; Bluebird, 1 (crippled left leg, observed at several feeding stations in Barre during past month); Starling, 49; Evening Grosbeak, 20; Goldfinch, 3; Tree Sparrow, 24 **Total,** 10 species; 122 individuals. Of interest is scarcity of birds outside Barre, only 5 individual birds being observed on the 6 miles of hiking outside the city limits.—ELAINE M. DREW.

Bennington, Vt. (fields and woods for 2 miles northwest of Bennington, the fields and woods between Lake Shaftsbury and Miller's pond 10 miles north of Bennington, and visits to 3 feeding stations in Bennington Village).—Dec. 27; 8 A.M. to 5 P.M. Sky heavily overcast with low clouds; light, wet snow falling from 10 A.M. to noon; ground lightly covered with snow which had all melted by 1.30 P.M.; wind south veering to west, light to moderate; temp. 33° at start, 37° at return. Three observers in 1 party. Total hours afield, 20 (18 on foot, 2 by auto); total party miles, 42 (12 on foot, 30 by car). Black Duck, 2; Greater Scaup, 1 (captured alive); Hairy Woodpecker, 2; Downy Woodpecker, 3; Blue Jay, 7; Crow, 10; Black-capped Chickadee, 9; White-breasted Nuthatch, 2; Catbird, 1; Starling, 7; English Sparrow, 24; Pine Siskin, 7; Goldfinch, 3; Tree Sparrow, 2. **Total,** 14 species; 80 individuals. The Catbird has been seen daily at one of the feeding stations for a week or 10 days.—MRS. SALOME BIXBY ROSS, DR. LUCRETIUS H. ROSS, HARRY C. RIDLON.

Clarendon, Vt. (wooded hill of spruce thickets and mixed deciduous trees and valley consisting of open pasture, orchard and meadow; also extensive young tamarack thicket and maple groves).—Dec. 25; 7 A.M. to 4 P.M. Mostly clear; 4-in. snow in woods, nearly bare in open; temp. 40° at start, 32° at return. Three observers working as 1 party. Total party hours afield, 21 (afoot); total party miles, 15 (afoot). Ruffed Grouse, 6; Downy Woodpecker, 2; Black-capped Chickadee, 35; Hudsonian Chickadee, 1; Golden-crowned Kinglet, 1; Northern Shrike, 1; Starling, 11; Evening Grosbeak, 1; Pine Grosbeak, 11; Redpoll, 7; Tree Sparrow, 2. **Total,** 11 species; 78 individuals. The Hudsonian Chickadee was observed at close range with field glasses by all 3 observers in good light, the crown, back and flanks showing plainly; it was in a flock of 28 Black-caps.—FIELD WINSLOW, RAYMOND POTTER, H. POTTER.

Wells River, Vt. (north, west and south of Wells River including portions of the Connecticut and Wells River valleys and enclosing ranges of

hills with altitude ranging from 400 to 1200 feet). —Dec. 23; 9 A.M. to 4.30 P.M. Cloudy; snow varying in depth from 6 to 12 inches according to altitude; wind south, light; temp. 16° at start, 31° at return. Two observers together covering 10 miles in 7½ hours. Am. Golden-eye, 7; Am. Merganser, 19; Ruffed Grouse, 15; Great Horned Owl, 1; Barred Owl, 1; Hairy Woodpecker, 2; Downy Woodpecker, 3; Blue Jay, 3; Black-capped Chickadee, 75 (14 flocks); White-breasted Nuthatch, 4; Brown Creeper, 1; Starling, 54 (2 flocks aggregating 45, apparently migrating); Pine Grosbeak, 2; Tree Sparrow, 10 (2 flocks). **Total,** 14 species; 197 individuals.—WENDELL P. SMITH, REV. MARSHALL M. STEVENSON.

Belmont and Fresh Pond (Cambridge), Mass. (an area with a diameter of 4 miles).—Dec. 26; 7 A.M. to 4.30 P.M. Clear all morning with cloudiness in afternoon; ground bare; ponds open; wind north, 5 m. p. h.; temp. 28° to 40° to 30°. Observers singly and in pairs. Total party hours afoot, 23; total party miles afoot, 25. Black-crowned Night Heron, 5; Mallard, 11; Black Duck, 106; Pintail, 3; Green-winged Teal, 1; Am. Golden-eye, 7; Ruddy Duck, 2; Am. Merganser, 236; Sharp-shinned Hawk, 1; Bald Eagle, 1; Sparrow Hawk, 6; Ruffed Grouse, 2; Pheasant, 16; Black-backed Gull, 1; Herring Gull, 130; Flicker, 16; Hairy Woodpecker, 3; Downy Woodpecker, 11; Blue Jay, 46; Crow, 72; Chickadee, 141; White-breasted Nuthatch, 5; Red-breasted Nuthatch, 4; Brown Creeper, 5; Robin, 7; Hermit Thrush, 1 (R. Hill); Golden-crowned Kinglet, 2; Starling, 136 (est.); English Sparrow, 50; Redwing, 1; Evening Grosbeak, 1 (Elkins, Coolidge); Redpoll, 80; Goldfinch, 13; Junco, 42; Tree Sparrow, 100; White-throated Sparrow, 2; Fox Sparrow, 1; Song Sparrow, 28. **Total,** 38 species; 1295 individuals. A Snowy Owl seen in the area during the census week could not be located.—MR. and MRS. HAROLD I. BROWN, HAMILTON COOLIDGE, MRS. GEORGE DREW, MRS. HERVEY ELKINS, MRS. RICHARD FOSTER, RICHARD HILL, NORMAN P. HILL, FRANCIS S. JONES, NATHANIEL C. NASH IV, AUSTEN F. RIGGS 2D, MRS. SAMUEL D. ROBBINS (Belmont Bird Club).

Brockton, Mass. (D. W. Field Park in Brockton, Avon, and Stoughton).—Dec. 27; 9 A.M. to 3 P.M. Cloudy in A.M., clearing in P.M.; wind light, west; temp. 36° at start, 40° at close. Approximately 10 miles by car, 2 miles on foot distributed over various short distances. Black Duck, 40; Downy Woodpecker, 1; Blue Jay, 10; Crow, 8; Black-capped Chickadee, 25; Red-breasted Nuthatch, 1; Golden-crowned Kinglet, 3; Starling, 1; English Sparrow, 20; Rusty Blackbird, 2; Purple Finch, 4; Redpoll, 20 (est.); Goldfinch, 12; Slate-colored Junco, 2; Tree Sparrow, 5; Song Sparrow, 2. **Total,** 16 species; approximately 156 individuals.—CHRISTOPHER CHARLES CRAIN.

Cape Cod, Mass. (parts of Brewster, Harwich, Chatham to Monomoy Point).—Dec. 21; 7 A.M. to 4 P.M. Cloudy in A.M., clearing; strong bitter cold northwest wind all day; temp. 16° to 24°. Three parties in A.M. over carefully prepared routes, all together in P.M. Total party hours, about 18; total party miles, 125 by car, 15 afoot. Common Loon, 4; Horned Grebe, 2; Pied-billed Grebe, 1; Gannet, 1; Great Blue Heron, 10; Canada Goose, 387; Brant, 42; Black Duck, 671; Baldpate, 2; Pintail, 1; Green-winged Teal, 2; Scaup, 382; Am. Golden-eye, 495; Buffle-head, 19; Old-squaw, 15,000 (est.); Am. Eider, 15,000 (est.); White-winged Scoter, 1050; Surf Scoter, 3; Am. Scoter, 100; Ruddy Duck, 35; Am. Merganser, 131; Red-breasted Merganser, 31; Red-tailed Hawk, 2; Rough-legged Hawk, 1; Bald Eagle, 1; Ruffed Grouse, 8; Bob-white, 12; Pheasant, 1; Coot, 3; Red-backed Sandpiper, 200; Sanderling, 54; Black-backed Gull, 14; Herring Gull, 3500 (est.); Ring-billed Gull, 19; Bonaparte's Gull, 4; Dovekie, 2; Rock Dove, 11; Snowy Owl, 1; Barred Owl, 1; Kingfisher, 1; Flicker, 10; Hairy Woodpecker, 1; Downy Woodpecker, 1; N. Horned Lark, 23; Blue Jay, 4; Crow, 62; Chickadee, 152; Acadian Chickadee, 1 (Hill); Red-breasted Nuthatch, 7; Brown Creeper, 3; Long-billed Marsh Wren, 2; Robin, 33; Hermit Thrush, 3; Bluebird, 4; Golden-crowned Kinglet, 36; Shrike (sp.?), 1; Starling, 232; Myrtle Warbler, 58; Pine Warbler, 1; Western Palm Warbler, 1; English Sparrow, 20; Meadowlark, 4; Red-wing, 1; Purple Finch, 1; Redpoll, 22; Pine Siskin, 45; Goldfinch, 8; Ipswich Sparrow, 2; Junco, 30; Tree Sparrow, 32; Field Sparrow, 1; White-throated Sparrow, 5; Fox Sparrow, 3; Swamp Sparrow, 3; Song Sparrow, 4; Lapland Longspur, 37; Snow Bunting, 268. **Total,** 77 species; about 38,324 individuals.—D. C. ALEXANDER, E. A. BERGSTROM, M. E. CUMMINGS, D. L. GARRISON, ANDREW GRISCOM (A.M. only), LUDLOW GRISCOM, N. P. HILL, C. RUSSELL MASON, ALAN H. MORGAN, K. V. PIKE, AUSTEN P. RIGGS 2D, RAYMOND J. SEAMANS.

Cohasset and North Scituate Beach, Mass. (woodland, fields and seacoast).—Dec. 25; 8.30 A.M. to 4 P.M. Fair; ground bare; wind west, light; temp. 40° at start and return. Observers together. Six miles on foot, 10 miles in car. Common Loon, 1; Black Duck, 45; Golden-eye, 16; White-winged Scoter, 4; Surf Scoter, 3; Red-breasted Merganser, 38; Purple Sandpiper, 27; Black-backed Gull, 8; Herring Gull, 290; Kingfisher, 1; Flicker, 1; Downy Woodpecker, 1; Blue Jay, 6; Crow, 12; Black-capped Chickadee, 29; Hermit Thrush, 1; Cedar Waxwing, 18; Starling, 5; English Sparrow, 8; Common Redpoll, 4; Goldfinch, 23; Junco, 8; Tree Sparrow, 9. **Total,** 23 species; 558 individuals.—LAURENCE B. FLETCHER, DR. JOHN B. MAY, WINSOR M. TYLER.

Great Barrington and Sheffield, Mass. (varied open country and woods in same circle as last year).—Dec. 21; 7.35 A.M. to 2.45 P.M. Clear; moderate northwest wind; temp. −2° to 14°; trace of snow in open, a scattering of crusty snow in woods; all still water frozen but Housatonic River partly open. Two observers at home, the rest together most of the time. Total party hours afield, 8¼; total party miles, 52 (48 by car, about 6 on foot). Mallard, 1; Red-legged and Common Black Duck, 49; Green-winged Teal, 3; Am. Merganser, 12; Sparrow Hawk, 1; Ruffed Grouse, 2; Downy Woodpecker, 5; Blue Jay, 17; Crow, 83+; Black-capped Chickadee, 20; White-

breasted Nuthatch, 4; Red-breasted Nuthatch, 3; Brown Creeper, 2; Golden-crowned Kinglet, 5; Starling, 82+; English Sparrow, 130+; Meadowlark, 1; Cowbird, 3 (1♂, 2 ♀ together); Purple Finch, 1; Redpoll, 3 (heard); Goldfinch, 152 (est.); Slate-colored Junco, 3; Tree Sparrow, 21; Song Sparrow, 3. **Total,** 24 species; approximately 606 individuals. Cowbirds were seen twice, once with English Sparrows, the second time about half a mile away with a flock of Starlings. The large number of Crows is very unusual at this season in the Berkshires.—JESSIE M. BUCK, DANIEL GLEIZE, MR. and MRS. BARTLETT HENDRICKS, ORIN P. MCCARTY, MRS. CORNELIUS E. RINSMA, EUGENE VARNEY, GEORGE J. WALLACE, MRS. M. A. WHITE (Hoffmann Bird Club).

Holyoke, Mass. (Connecticut Valley from Holyoke to Longmeadow, with Connecticut River as the north-south diameter of usual circle).—Dec. 28; 6.30 A.M. to 5 P.M. Clear in A.M.; overcast in P.M.; ground bare; calm, with occasional light north wind; temp. 31° at start, 39° at return. Seventeen observers in 10 parties. Total hours afield, 55 (21 on foot, 34 by car); total party miles, 162 (32 on foot, 130 by car). Black Duck, 450+ (both *rubripes* and *tristis*); Green-winged Teal, 1; Wood Duck, 2; Am. Golden-eye, 5; Am. Merganser, 33; Goshawk, 1; Cooper's Hawk, 1; Red-tailed Hawk, 1; Red-shouldered Hawk, 1; Sparrow Hawk, 5; Ruffed Grouse, 3; Pheasant, 1; Herring Gull, 117; Ring-billed Gull, 5; Screech Owl, 1; Short-eared Owl, 2; Saw-whet Owl, 4 (seen and heard at a particular location for several days by a good many observers); Belted Kingfisher, 1; Pileated Woodpecker, 1; Hairy Woodpecker, 7; Downy Woodpecker, 22; Blue Jay, 164; Crow, 145; Black-capped Chickadee, 173; Acadian Chickadee, 1 (continually at A. C. Bagg's feeder since Dec. 3); White-breasted Nuthatch, 28; Brown Creeper, 7; Robin, 11; Bluebird, 15; Golden-crowned Kinglet, 10; Cedar Waxwing, 25; Northern Shrike, 2; Starling, 500+; English Sparrow, 300+; Redwing, 1; Pine Grosbeak, 10; Common Redpoll, 200+; Goldfinch, 41; Slate-colored Junco, 82; Tree Sparrow, 423; White-crowned Sparrow, 1 [no details—ED.]; White-throated Sparrow, 2; Swamp Sparrow, 1; Song Sparrow, 8. **Total,** 44 species; 2800 (est.) individuals. In addition: Mallard, 75 (presumably feral); a flock of 100–150 Mergansers and Golden-eyes, too distant for accurate counting.—PAUL ANDERSON, AARON C. BAGG, A. M. BAGG, HELEN M. BAGG, MRS. CARL BLAKE, ALICE M. BOWEN, RICHARD ELDRED, JAY MADEIRA, MR. and MRS. JOHN MILLS, ARTHUR MITCHELL, MR. and MRS. FREDERICK A. SAUNDERS, FANNIE A. STEBBINS, MRS. R. E. STETSON, GLADYS C. TODD, ATWOOD WEEKS.

Jamaica Plain, Mass. (Arnold Arboretum, Sargent estate, Jamaica Pond, Ward's Pond, Leverett's Pond).—Dec. 27; 6 to 9.30 A.M., 11.30 A.M. to 4 P.M. Cloudy; windy in the morning; temp. about 28° all day. Two parties in the morning, 1 in the afternoon. Total party hours, 9½; total party miles, approximately 10 (on foot). Great Blue Heron, 1; Mallard, 75 (est.); Red-legged Black Duck, 1100 (est.); Common Black Duck, 100 (est.); Pintail, 1; Green-winged Teal, 2; Wood Duck, 5; Redhead, 2; Ring-necked Duck, 1; Hooded Merganser, 9; Am. Merganser, 71; Red-breasted Merganser, 2; Cooper's Hawk, 1; Sparrow Hawk, 1; Pheasant, 3; Iceland Gull, 1; Great Black-backed Gull, 4; Herring Gull, 500 (est.); Rock Dove, 50 (est.); Belted Kingfisher, 1; Hairy Woodpecker, 2; Downy Woodpecker, 1; Blue Jay, 26; Crow, 61; Black-capped Chickadee, 150 (est.); Acadian Chickadee, 4; White-breasted Nuthatch, 12; Red-breasted Nuthatch, 6; Brown Creeper, 1; Robin, 2; Golden-crowned Kinglet, 21; Northern Shrike, 1; Starling, 50 (est.); English Sparrow, 50 (est.); Goldfinch, 14; White-winged Crossbill, 1; Slate-colored Junco, 83; Tree Sparrow, 2; Song Sparrow, 2. **Total,** 39 species; approximately 2419 individuals. The Acadian Chickadees have been present in the Arnold Arboretum since Dec. 7 and have been seen by many observers.—TOM SCANLAN, BILL RANDALL (Jamaica Plain Bird Club).

Lenox, Mass. (300 acres of sanctuary—woods, fields and frozen ponds—covered in 7 miles of walking).—Dec. 23; 8 A.M. to 12 M., 2 P.M. to 4.30 P.M. Dark and cloudy in A.M., rain in P.M.; thin crusty snow cover; no appreciable wind; temp. 22° at start, 34° in P.M. Ruffed Grouse, 1 (tracks of many others); Hairy Woodpecker, 3; Downy Woodpecker, 6; Blue Jay, 10; Crow (heard); Black-capped Chickadee, 60±; Brown Creeper, 6; Golden-crowned Kinglet, 10–12; Redpoll, 9; Tree Sparrow, 12. **Total,** 10 species; approximately 118 individuals. Missed resident Barred Owls and Pileated Woodpeckers. Four Pine Grosbeaks on the 22d.—GEORGE J. WALLACE.

Newburyport, Mass. (Plum Island and the Newburys south to Topsfield, east to Ipswich Light, west to Groveland and the Merrimac River).—Dec. 28; 7 A.M. to 5.30 P.M. Clear, with a few light clouds; wind very light, northwest; ground bare; temp. about 30° min., 45° max. Forty-five observers in 5 main parties. Total party hours in field, about 52; total party miles, 310 (280 by car, 30 afoot). Common Loon, 21; Red-throated Loon, 12; Holboell's Grebe, 47; Horned Grebe, 61; Pied-billed Grebe, 1; Great Blue Heron, 3; Canada Goose, 7; Mallard, 6; Red-legged Black Duck, 4100 (est.); Pintail, 1; Green-winged Teal, 3; Greater Scaup, 3600 (est.); Am. Golden-eye, 740; Buffle-head, 145; Old-squaw, 862; White-winged Scoter, 72; Surf Scoter, 2; Am. Scoter, 2; Am. Merganser, 14; Red-breasted Merganser, 521; Sharp-shinned Hawk, 1; Red-shouldered Hawk, 2; Rough-legged Hawk, 1; Bald Eagle, 1; Marsh Hawk, 6; Sparrow Hawk, 6; Pheasant, 14; Sanderling, 4; Iceland Gull, 4; Kumlien's Gull, 2 (Griscom, *et al.*); Great Black-backed Gull, 10; Herring Gull, 1200 (est.); Ring-billed Gull, 6; European Black-headed Gull (*L. r. ridibundus*), 1 (observers are familiar with this bird, which has been present since Oct. 12); Bonaparte's Gull, 252; Rock Dove, 46; Screech Owl, 3; Snowy Owl, 2; Saw-whet Owl, 1; Belted Kingfisher, 1; Flicker, 15; Hairy Woodpecker, 3; Downy Woodpecker, 27; Northern Horned Lark, 167; Blue Jay, 81; Crow, 529; Chickadee, 293; White-breasted Nuthatch, 6; Red-breasted Nuthatch, 4; Brown Creeper, 2; Robin, 34; Golden-crowned Kinglet, 20; Cedar Waxwing, 44; Starling, 12,600 (est.); Myrtle

Warbler, 21; English Sparrow, 132; Meadowlark, 19; Red-wing, 1; Evening Grosbeak, 48; Purple Finch, 32; Pine Grosbeak, 31; Redpoll, 44; Pine Siskin, 1; Goldfinch, 121; Savannah Sparrow, 1 (Eliot, *et al.*); Junco, 42; Tree Sparrow, 349; Song Sparrow, 3; Longspur, 4; Snow Bunting, 16. **Total,** 70 species; approximately 26,473 individuals.—D. C. Alexander, T. Baird, E. M. Batchelder, Miss L. Batchelder, F. Brown, Jr., F. R. Burrill, H. H. Caswell, Jr., Dr. M. E. Cummings, Miss K. Curtis, J. J. Doyle, R. J. Eaton, S. A. Eliot, Jr., Mr. and Mrs. H. B. Elkins, K. Elkins, Mr. and Mrs. E. P. Foye, L. Griscom, F. Hamlen, Mr. and Mrs. C. L. Hauthaway, N. P. Hill, F. S. Jones, Miss J. Lawson, R. Lawson, C. R. Mason, Dr. J. B. May, A. H. Morgan, N. Nash IV, J. S. Newman, Haven Parker, K. V. Pike, C. P. Preston, A. F. Riggs, I. Rose, C. A. Safford, D. B. Sands, O. K. Scott, B. Shreve, T. L. Southack, Jr., W. Taber, Dr. and Mrs. R. Tousey, Miss R. Turner, R. A. Vahan.

Northampton, Mass.—Dec. 21; 7 a.m. to 4 p.m. Fair; ground bare; water nearly all frozen; wind northwest, moderate; temp. zero to 15°. The same circle as in the past 7 years, covered by 17 observers at or near their homes, and 21 afield, in 12 parties, 9 of them with cars. Total party hours, 50; total party miles afoot, about 40. Great Blue Heron, 1; Black Duck, 24; Am. Golden-eye, 1; Am. Merganser, 9; Sharp-shinned Hawk, 1; Rough-legged Hawk, 1; Sparrow Hawk, 3; Ruffed Grouse, 10; Pheasant, 11; Screech Owl, 2; Snowy Owl, 1; Flicker, 1; Hairy Woodpecker, 17; Downy Woodpecker, 41; N. Horned Lark, 30; Blue Jay, 112; Crow, 368; Chickadee, 327; White-breasted Nuthatch, 50; Red-breasted Nuthatch, 13; Brown Creeper, 10; Mockingbird, 1 (present since Nov. 6); Hermit Thrush, 1; Bluebird, 9; Golden-crowned Kinglet, 18; Northern Shrike, 2; Starling, 450; *Northern Yellow-throat*, 1 ♀; English Sparrow, 415; Bronzed Grackle, 1 (unable to fly much); Evening Grosbeak, 14 (3 flocks); Purple Finch, 7; Pine Grosbeak, 7 (2 flocks); Redpoll, 147 (8 flocks); Goldfinch, 27; Junco, 127; Tree Sparrow, 380; Song Sparrow, 10; Snow Bunting, 80 (1 flock). **Total,** 39 species; 2730 individuals.—Mrs. Howard Alcorn, Mr. and Mrs. Aaron C. Bagg, John L. Bagg, Milo Buzzee, Leroy S. Combs, Mrs. Isabelle Conner, Mrs. F. M. Cutler, James W. Dayton, Mrs. Walter Denny, Mrs. M. A. Dickinson, Susan A. Doleman, H. W. Dwight, S. A. Eliot, Jr., Dwight and John Graves, Mrs. W. S. Hawley, Mrs. J. T. Kentfield, Asa S. Kinney, Lenore and Jay Madeira, Mrs. Frank Merrick, Esther L. Pollard, John Pollard, Jr., Mary T. Pomeroy, Samuel Potsuby, Mrs. F. C. Pray, Mr. and Mrs. D. A. Riedel, Ethel M. Smith, Mr. and Mrs. E. C. Staples, Philip S. Thayer, Wallace Torrey, Mrs. Seth Wakeman, Atwood Weeks, Mrs. W. S. Welles, Mrs. P. L. Wheelock.

Peru, Mass. (woods and fields in vicinity of Lake Ashmere at altitude of 1600 feet).—Dec. 21; 8 a.m. to 4 p.m. Clear; moderate west wind; temp. −2° at start, 14° at return; about ½ inch of crusty snow (making very noisy walking); lake and all still water frozen. About 6 miles on foot. Ruffed Grouse, 2; Woodpecker, 1 (sp.?—very brief view); Black-capped Chickadee, 23; Pine Grosbeak, 1. **Total,** 4 species; 27 individuals.—Reinhold Ullrich (Hoffmann Bird Club).

Plymouth, Mass.—Dec. 27; 8.30 a.m. to 3.40 p.m. Cloudy to fair to cloudy; ground bare; wind west-northwest, fresh; temp. 45°. The seacoast from the south end of Plymouth Harbor northward to Marshfield Neck (by air-line, 12 miles) covered by one party (afoot about 6 miles) counting water birds particularly, land birds incidentally. Common Loon, 13; Red-throated Loon, 1; European Cormorant, 1; Black Duck, 923; Greater Scaup, 70; Am. Golden-eye, 323; Buffle-head, 18; Old-squaw, 133; White-winged Scoter, 394; Surf Scoter, 5; Am. Scoter, 1; Red-breasted Merganser, 100 (est.); Gyrfalcon (dark gray, not black), 1; Bob-white, 1; Black-backed Gull, 9; Herring Gull, 700 (est.); Ring-billed Gull, 1; Flicker, 1; Downy Woodpecker, 2; N. Horned Lark, 11; Blue Jay, 12; Crow, 42; Chickadee, 30; White-breasted Nuthatch, 1; Golden-crowned Kinglet, 3; Cedar Waxwing, 2; Starling, 148; Myrtle Warbler, 4; English Sparrow, 90; Meadowlark, 4; Pine Siskin, 75; Goldfinch, 1; Ipswich Sparrow, 1; Savannah Sparrow, 4; Junco, 39; Tree Sparrow, 32; Song Sparrow, 17; Snow Bunting, 62. **Total,** 38 species; approximately 3275 individuals.—Mr. and Mrs. C. L. Hauthaway, B. Morton Hauthaway, S. A. Eliot, Jr.

Sharon, Mass. (Moose Hill Sanctuary of Massachusetts Audubon Society, approximately 200 acres of mixed woodland).—Dec. 27; 8.30 a.m. to 3.30 p.m. Cloudy; ground bare; wind south, moderate; temp. 36° at start, 49° at noon; ice on small pond. Nine observers in 4 parties. Total hours afield, 19, all on foot; party miles, 13. Sharp-shinned Hawk, 1; Ruffed Grouse, 4; Herring Gull, 2; Mourning Dove, 2; Hairy Woodpecker, 2; Downy Woodpecker, 4; Blue Jay, 12; Crow, 15; Black-capped Chickadee, 44; White-breasted Nuthatch, 6; Brown Creeper, 2; Robin, 1; Golden-crowned Kinglet, 4; English Sparrow, 20; Purple Finch, 2; Goldfinch, 55; Slate-colored Junco, 60; Tree Sparrow, 48; White-throated Sparrow, 2. **Total,** 19 species; 287 individuals. A male Evening Grosbeak had visited the sanctuary feeders and a Saw-whet Owl had been heard two nights during this week but neither was located the day of the census.—James Baird, Frederick R. Cushing, Mr. and Mrs. C. Russell Mason, Kenneth V. Pike, J. W. Rice, David B. Rost, Miss Jean Wiggin, Henry T. Wiggin.

West Becket, Mass. (fields and woods, hemlock and spruce swamps on ridge parallel to Route No. 20, 3 miles long).—Dec. 26; 7 a.m. to 4 p.m. Clear until 10.30, cloudy thereafter, snow flurries in p.m.; 2 to 6 inches of snow on ground; wind west, fresh; temp. 28° at start, 24° at return. One observer. Total hours afield, 8 (on foot); total miles, 12. Goshawk, 1; Ruffed Grouse, 6; Barred Owl, 1; Pileated Woodpecker, 1; Hairy Woodpecker, 2; Downy Woodpecker, 4; Arctic Three-toed Woodpecker, 1; Blue Jay, 5; Black-capped Chickadee, 30; White-breasted Nuthatch, 2; Red-breasted Nuthatch, 2; Brown Creeper, 1; Golden-crowned Kinglet, 4; Northern Shrike, 1;

Pine Grosbeak, 5; Pine Siskin, 8; Red Crossbill, 9. **Total,** 17 species; 83 individuals.—RUTH I. DERBY.

Worcester, Mass. (vicinity of Patch Reservoir in morning; crosstown and State Hospital grounds in afternoon).—Dec. 26; 7.30 A.M. to 12.30 P.M., 2 to 4.30 P.M. Clear in A.M.; overcast with stratus clouds in P.M. and trace of rain; ground bare; ice on reservoir; wind calm, becoming light southerly in P.M.; temp. 24° at start, 34° at return. Observers together. Total hours afield, 7½; total miles, 12 (7 on foot, 5 by car). Hairy Woodpecker, 1; Downy Woodpecker, 1; Blue Jay, 13; Crow, 10; Black-capped Chickadee, 12; White-breasted Nuthatch, 1; Brown Creeper, 1; Cedar Waxwing, 16; Starling, 800 (est.); English Sparrow, 42; Pine Grosbeak, 2; Slate-colored Junco, 23; Tree Sparrow, 2. **Total,** 13 species; approximately 924 individuals.—PAUL H. STEELE, JEAN DUART STEELE.

Block Island, R. I. (Dickens Point to Kehlbeck's Grove by way of the shore, returning inland; Old Harbor to Vaill cottages by way of the shore, returning inland; Clay Head to Sandy Point; Rihl's Harbor to entrance of New Harbor and return).—Dec. 26; 7.30 A.M. to 2 P.M. Clear; ground bare, unfrozen; calm to light northeast wind; temp. 32° at start, 40° at return. Thirteen observers working in 4 parties. Total miles afoot, 23; total hours afoot, 17. Loon, 18; Gannet, 3; Canada Goose, 8; Baldpate, 1; Am. Scoter, 11; Red-breasted Merganser, 54; Marsh Hawk, 3; Sparrow Hawk, 4; Duck Hawk, 1; Pheasant, 5; Wilson's Snipe, 1; Black-backed Gull, 349; Snowy Owl, 4; Kingfisher, 2; Flicker, 1; Robin, 1; Starling, 275; Myrtle Warbler, 15; Pine Warbler, 2; English Sparrow, 69; Meadowlark, 103; Red-wing, 4; Tree Sparrow, 6; Song Sparrow, 7; Snow Bunting, 7. **Total,** 26 species; 954 individuals.—ELWIN DODGE, LLOYD STEADMAN, LEWIS BALL, EMMONS BATTEY, WALTER and EDITH LITTLEFIELD, ANN MORAN, BARBARA BEEBEE, ELIZABETH BOWEN, IDA SPRAGUE, ANNIE SPRAGUE, BILL LEWIS, ELIZABETH DICKENS.

Charlestown, R. I. (Kimball Bird Sanctuary and environs, Charlestown Pond to Napatree Point).—Dec. 26; 7 A.M. to 4.45 P.M. Clear; ground bare; wind north; temp. 27° at start, 39° at return; bar. 30.03; wind southeast. Three observers together. Total hours afield, 9½; total miles, 62½ (5 on foot, 57½ by car). Common Loon, 27; Red-throated Loon, 1; Holboell's Grebe, 1; Horned Grebe, 25; European Cormorant, 5; Great Blue Heron, 3; Black-crowned Night Heron, 1; Mallard, 7; Black Duck, 3500 (est.); Green-winged Teal, 12; Greater Scaup, 138; Am. Golden-eye, 120; Buffle-head, 52; Old-squaw, 1; Am. Eider, 2; King Eider, 2; White-winged Scoter, 45; Surf Scoter, 72; Hooded Merganser, 1; Am. Merganser, 452; Red-breasted Merganser, 140; Red-tailed Hawk, 3; Rough-legged Hawk, 1; Bald Eagle, 3; Marsh Hawk, 4; Purple Sandpiper, 9; Sanderling, 3; Great Black-backed Gull, 14; Herring Gull, 360; Ring-billed Gull, 1; Mourning Dove, 20; Snowy Owl, 1; Short-eared Owl, 1; Flicker, 2; Hairy Woodpecker, 2; Downy Woodpecker, 3; Northern Horned Lark, 115; Blue Jay, 4; Crow, 125; Chickadee, 55; White-breasted Nuthatch, 3; Carolina Wren, 1; Robin, 4; Hermit Thrush, 4; Starling, 220; Myrtle Warbler, 47; English Sparrow, 8; Meadowlark, 90; Red-wing, 50; Bronzed Grackle, 2; Cowbird, 42; Purple Finch, 2; Goldfinch, 35; Junco, 31; Tree Sparrow, 95; Field Sparrow, 5; White-throated Sparrow, 51; Song Sparrow, 24; Lapland Longspur, 32. **Total,** 59 species; approximately 6079 individuals.—MARY K. SOUTHWICK, DR. DOUGLAS KRAUS, DR. LEMOINE WHITE.

Middletown, Newport, R. I. (the same area usually covered by W. H. Drury, Jr.).—Dec. 21; 7.30 A.M. to 4 P.M. Clear; ground bare; ice, formed overnight, closed all ponds and brooks except for a few leads; strong northwest wind all day; temp. 10° at start, max. 20° at 1.30 P.M. Two observers together. Total hours afield, 8½ (6 afoot, 2½ by car); total party miles, 20 (8 afoot, 12 by car). Common Loon, 2; Holboell's Grebe, 3; Horned Grebe, 4; European Cormorant, 8; Great Blue Heron, 2; Am. Bittern, 1; Red-legged and Common Black Duck, 167; Baldpate, 33; Pintail, 1; Green-winged Teal, 1; Greater Scaup, 47; Am. Golden-eye, 150+; Buffle-head, 10; White-winged Scoter, 130+; Surf Scoter, 21; Am. Scoter, 1; Ruddy Duck, 6; Am. Merganser, 13; Red-breasted Merganser, 70+; Cooper's Hawk, 2; Red-tailed Hawk, 1; Red-shouldered Hawk, 1; Sparrow Hawk, 1; Pheasant, 4; Coot, 216; Killdeer, 2; Purple Sandpiper, 100+; Great Black-backed Gull, 5; Herring Gull, 330+; Bonaparte's Gull, 40; Dovekie, 1; Barn Owl, 1; Snowy Owl, 2; Flicker, 6; Downy Woodpecker, 6; Northern Horned Lark, 30+; Blue Jay, 4; Crow, 3; Chickadee, 50+; Brown Creeper, 1; Carolina Wren, 7; Robin, 1; Hermit Thrush, 2; Bluebird, 6; Golden-crowned Kinglet, 2; Starling, 9; Myrtle Warbler, 40+; English Sparrow, 8; Meadowlark, 25; Goldfinch, 6; Ipswich Sparrow, 1; Savannah Sparrow, 3; Junco, 3; Tree Sparrow, 8; White-throated Sparrow, 60+; Swamp Sparrow, 1; Song Sparrow, 3; Lapland Longspur, 1. **Total,** 59 species and subspecies; about 1662 individuals. Military restrictions closed 2 small brush areas, thus the low Song Sparrow count. Otherwise, the count is considered comparable to Drury's usual coverage.—R. BOWEN, R. CLEMENT.

Providence, R. I. (and Narragansett Bay shores to Barrington and Warwick Light).—Dec. 21; 7.30 A.M. to 4 P.M. Clear; ground bare; ponds partly frozen; wind northwest, fresh; temp. 12° at start, 15° at return. Six observers in 5 parties. Total hours afield, 21 (9 on foot, 12 by car); total party miles, 77 (19 on foot, 58 by car). Mallard, 2; Black Duck, 1024; Baldpate, 3; Canvas-back, 1; Scaup, 11,456; Am. Golden-eye, 160; Buffle-head, 30; Old-squaw, 1; White-winged Scoter, 103; Surf Scoter, 250; Am. Merganser, 6; Red-breasted Merganser, 24; Red-shouldered Hawk, 1; buteo (sp.?), 1; Sparrow Hawk, 1; Pheasant, 1; Great Black-backed Gull, 8; Herring Gull, 1339; Rock Dove, 20; Flicker, 11; Downy Woodpecker, 4; Blue Jay, 24; Crow, 260; Chickadee, 42; White-breasted Nuthatch, 6; Brown Creeper, 5; Bluebird, 1; Golden-crowned Kinglet, 8; Starling, 30; Myrtle Warbler, 21; Western Palm

Warbler, 1; English Sparrow, 21; Goldfinch, 21; Junco, 289; Tree Sparrow, 61; Field Sparrow, 2; White-throated Sparrow, 6; Fox Sparrow, 1; Song Sparrow, 10. **Total,** 38 species; 15,255 individuals.—ALBERT BARDEN, WILLIAM DEAN, HAROLD GIBBS, DOUGLAS KRAUS, GLEN WOOD, CARLOS WRIGHT.

South Kingstown, R. I.—Dec. 28; 7.20 A.M. to 4.30 P.M. Clear; wind west, shifting to southwest; temp. 30°. Two observers in 1 party. Total miles, 75 (70 by car, 5 on foot). Common Loon, 7; Red-throated Loon, 4; Holboell's Grebe, 1; Horned Grebe, 20; European Cormorant, 50; Am. Bittern, 1; Black Duck, 600 (est.); Baldpate, 80; Ring-necked Duck, 11; Canvas-back, 4; Greater Scaup, 50; Am. Golden-eye, 300 (est.); Buffle-head, 21; Old-squaw, 1; White-winged Scoter, 45; Am. Scoter, 1; Ruddy Duck, 2; Hooded Merganser, 8; Am. Merganser, 300 (est.); Red-breasted Merganser, 75; Red-shouldered Hawk, 1; Marsh Hawk, 1; Sparrow Hawk, 1; Coot, 7; Woodcock, 1; Black-backed Gull, 15; Herring Gull, 500 (est.); Ring-billed Gull, 15; Bonaparte's Gull, 5; Kingfisher, 3; Flicker, 3; Downy Woodpecker, 1; Blue Jay, 2; Crow, 30; Chickadee, 40; Winter Wren, 1; Carolina Wren, 1; Short-billed Marsh Wren, 1; Robin, 2; Hermit Thrush, 1; Bluebird, 2; Golden-crowned Kinglet, 1; Starling, 50; Myrtle Warbler, 100 (est.); English Sparrow, 10; Meadowlark, 22; Goldfinch, 7; Ipswich Sparrow, 1; Savannah Sparrow, 5; Tree Sparrow, 200 (est.); Field Sparrow, 10; White-throated Sparrow, 9; Swamp Sparrow, 5; Song Sparrow, 25; Junco, 1; Snow Bunting, 3. **Total,** 56 species; approximately 2663 individuals.—DOUGLAS L. KRAUS, WILLIAM B. DEAN.

Tiverton and Little Compton, R. I., and Acoaxet, Mass.—Dec. 27; 7.15 A.M. to 4.45 P.M. Overcast; heavy but brief shower at 3 P.M.; ground bare; light westerly winds after 9 A.M.; temp. 38° at start, max. about 45°. Four observers in 2 cars until 3 P.M., then 2 observers. Brief sallies afoot. Total party hours, 9 (4 afoot, 5 by car); total miles, about 65 (5½ afoot). Common Loon, 19; Red-throated Loon, 7; Horned Grebe, 17; European Cormorant, 4; Black-crowned Night Heron, 2; Canada Goose, 6; Red-legged and Common Black Duck, 370; Baldpate, 394; Pintail, 87; Green-winged Teal, 2; Redhead, 1; Scaup (both sp.?), 44; Am. Golden-eye, 260; Buffle-head, 45; Old-squaw, 3; Am. Eider, 2; Am. Scoter, 2; White-winged Scoter, 590+; Surf Scoter, 175; Am. Merganser, 27; Red-breasted Merganser, 65+; Sharp-shinned Hawk, 2; Cooper's Hawk, 2; Red-tailed Hawk, 1; Sparrow Hawk, 3; Coot, 75±; Red-backed Sandpiper, 172; Great Black-backed Gull, 11; Herring Gull, 210+; Ring-billed Gull, 1; Bonaparte's Gull, 46; Mourning Dove, 1; Flicker, 12; Downy Woodpecker, 3; Northern Horned Lark, 66; Blue Jay, 4; Crow, 48; Chickadee, 85+; Red-breasted Nuthatch, 1; Golden-crowned Kinglet, 4; Cedar Waxwing, 2; Starling, 500+; Myrtle Warbler, 95+; English Sparrow, 70±; Meadowlark, 9; Bronzed Grackle, 2; Goldfinch, 100+; Ipswich Sparrow, 2; Savannah Sparrow, 6; Vesper Sparrow, 1; Junco, 8; Tree Sparrow, 60+; Chipping Sparrow, 1 (Clement, Kraus); Field Sparrow, 1; White-throated Sparrow, 32; Fox Sparrow, 3; Swamp Sparrow, 1; Song Sparrow, 7. **Total,** 59 species; approximately 3769 individuals.—R. BOWEN, R. CLEMENT, D. KRAUS, I. LITTLEFIELD.

Eastern Fairfield County, Conn. (Stratford, Bridgeport, Fairfield and Westport).—Dec. 27; 7 A.M. to 4.50 P.M. Mostly clear, with some cloudy periods and rain in the early afternoon; ground bare; wind west, light to medium; temp. 38° at start, 45° at return. Four observers working in three groups afield. Total hours afield, 20; total miles, 140 (119 by car, 21 on foot). Red-throated Loon, 1; Horned Grebe, 8; Black-crowned Night Heron, 7; Mallard, 15; Black Duck, 11,150 (est.); Green-winged Teal, 14; Wood Duck, 2; Ring-necked Duck, 5; Scaup, 32,000 (est.); Golden-eye, 393; Buffle-head, 48; Old-squaw, 770 (est.); White-winged Scoter, 2565 (est.); Surf Scoter, 105; Am. Merganser, 67; Red-breasted Merganser, 4; Red-shouldered Hawk, 1; Marsh Hawk, 1; Sparrow Hawk, 3; Pheasant, 11; Killdeer, 2; Purple Sandpiper, 32; Iceland Gull, 1; Great Black-backed Gull, 6; Herring Gull, 14,700 (est.); Ring-billed Gull, 56; Laughing Gull, 1; Bonaparte's Gull, 2100 (est.); Mourning Dove, 3; Belted Kingfisher, 1; Flicker, 2; Hairy Woodpecker, 2; Downy Woodpecker, 9; Horned Lark, 13; Blue Jay, 24; Crow, 263; Black-capped Chickadee, 81; White-breasted Nuthatch, 6; Red-breasted Nuthatch, 1; Brown Creeper, 2; Carolina Wren, 1; Robin, 5; Bluebird, 11; Golden-crowned Kinglet, 10; Starling, 323; Myrtle Warbler, 54; English Sparrow, 52; Meadowlark, 5; Red-wing, 30; Goldfinch, 39; Towhee, 1; Savannah Sparrow, 1; Slate-colored Junco, 56; Tree Sparrow, 68; White-throated Sparrow, 9; Song Sparrow, 20. **Total,** 56 species; about 65,160 individuals. The Laughing Gull (Saunders) was an adult in winter plumage, standing on a bar with both Herring and Ring-billed Gulls near-by with which to compare it. An Acadian Chickadee has been in the Bird Sanctuary since November, but was not seen on the day of the census, though present the day before.—JOSEPH BRAUNER, DOMINICK D'OSTILIO, FRANK NOVAK, ARETAS A. SAUNDERS.

New London, Conn. (along the shores of Long Island Sound, the Mystic River and the Thames River, from Mystic to the Harkness Estate and Pleasure Beach in Waterford).—Dec. 28; 8 A.M. to 5 P.M. Clear and sunny in the morning, overcast in the afternoon; ground bare; ponds open; wind northwest, light; temp. 34° at start, 36° at return. Five observers working in 4 groups. Total hours afield, 18; total miles afoot, 18. Common Loon, 1; Red-throated Loon, 1; Holboell's Grebe, 8; Horned Grebe, 10; Double-crested Cormorant, 7; Black-crowned Night Heron, 1; Mute Swan, 3; Canada Goose, 24; Mallard, 22; Black Duck, 225; Lesser Scaup, 40; Am. Golden-eye, 28; Buffle-head, 95; Old-squaw, 2; Am. Scoter, 19; Am. Merganser, 10; Red-breasted Merganser, 16; Red-shouldered Hawk, 1; Sparrow Hawk, 1; Bob-white, 13; Purple Sandpiper, 7; Black-backed Gull, 8; Herring Gull, 231; Ring-billed Gull, 5; Rock Dove, 7; Belted Kingfisher, 2; Flicker, 2; Hairy Woodpecker, 2; Downy Woodpecker, 8; Blue Jay, 6; Crow, 208; Chickadee,

24; White-breasted Nuthatch, 3; Robin, 2; Bluebird, 8; Cedar Waxwing, 3; Starling, 77; Myrtle Warbler, 22; English Sparrow, 37; Meadowlark, 6; Goldfinch, 7; Vesper Sparrow, 1 [no details—Ed.]; Slate-colored Junco, 7; Tree Sparrow, 22; Field Sparrow, 1; White-throated Sparrow, 4; Fox Sparrow, 8; Song Sparrow, 8. **Total,** 48 species; 1253 individuals.—E. V. Stoddard, Robert F. Logan, Mrs. Nona Kip, Mrs. Frank J. Kohl, Ralph E. Danforth (members Ornithology Club, Connecticut College).

Northwestern Connecticut (Housatonic Valley from Canaan to Cornwall Bridge, plus Salisbury, Lakeville and Sharon).—Dec. 26; 6.30 a.m. to 4 p.m. Clear at start; high overcast from 10 a.m. on; light rain around noon; calm; ground bare; ponds frozen, but larger lakes and Housatonic River open; temp. 28° at start, 38° at end. One observer; 95 miles by car, with frequent short walks. Black Duck, 170; Ring-necked Duck, 47; Am. Golden-eye, 7; Am. Merganser, 29; Bald Eagle, 1 (adult); Sparrow Hawk, 3; Ruffed Grouse, 1; Pheasant, 2; Flicker, 1; Pileated Woodpecker, 4; Hairy Woodpecker, 7; Downy Woodpecker, 3; Blue Jay, 94; Crow, 30; Black-capped Chickadee, 72; White-breasted Nuthatch, 10; Robin, 10; Bluebird, 8; Golden-crowned Kinglet, 5; Cedar Waxwing, 87; Northern Shrike, 1; Starling, 300; English Sparrow, 50; Pine Grosbeak, 2; Redpoll, 5; Goldfinch, 2; Slate-colored Junco, 2; Tree Sparrow, 60. **Total,** 28 species; 1013 individuals. One Pileated seen; calling and heavy drumming of 3 others heard.—Aaron Moore Bagg.

Oxford and Seymour, Conn. (Quaker Farms to Stevenson, to Squantuck, and back).—Dec. 26; 7 a.m. to 2.45 p.m. Clear, light north breeze in morning; clouding rapidly and changing to light southwest wind about noon; no snow; temp. 27° at start, 37° at return. About 12 miles on foot. Am. Merganser, 4; Red-tailed Hawk, 1; Ruffed Grouse, 1; Pheasant, 1; Herring Gull, 58; Kingfisher, 1; Flicker, 14; Hairy Woodpecker, 5; Downy Woodpecker, 12; Blue Jay, 104; Crow, 27; Chickadee, 118; White-breasted Nuthatch, 8; Brown Creeper, 1; Brown Thrasher, 1; Bluebird, 26; Golden-crowned Kinglet, 2; Starling, 172 (est.); Myrtle Warbler, 104 (est.); English Sparrow, 10; Meadowlark, 2; Pine Siskin, 9; Goldfinch, 9; Junco, 170 (est.); Tree Sparrow, 146; White-throated Sparrow, 3; Song Sparrow, 2. **Total,** 27 species; about 1011 individuals.—Alfred P. Harger.

Washington, Conn. (high fields and woods, hemlock forest, brooks, Shepaug River, Lakes Waramaug and Bantam, including wildlife sanctuary on latter).—Dec. 27; 9.15 a.m. to 5.30 p.m. Clear, becoming showery at noon, overcast in p.m.; wind light southwest moving over west to slightly east of north; temp. 31° at start, 29° at return. Six observers; for 2 hours in 2 parties. Total hours afield, 10 (9 on foot, 1 by car); total party miles, 36 (11 on foot, 25 by car). Mallard, 70; Black Duck, 11 (30 additional not surely identified in dusk); Wood Duck, 4; Am. Golden-eye, 20; Am. Merganser, 130; Red-tailed Hawk, 2; Ruffed Grouse, 3; Herring Gull, 2; Screech Owl, 1; Belted Kingfisher, 1; Hairy Woodpecker, 1; Downy Woodpecker, 4; Blue Jay, 7; Crow, 22; Chickadee, 45; White-breasted Nuthatch, 10; Brown Creeper, 4; Robin, 7; Golden-crowned Kinglet, 15; Cedar Waxwing, 8; Starling, 30; English Sparrow, 12; Pine Siskin, 1; Slate-colored Junco, 15; Tree Sparrow, 35. **Total,** 25 species; 460 individuals.—Alfred R. Bellinger, Peter F. Bellinger, Rossiter R. Bellinger, Hamilton Gibson, David W. Williams, Tertius van Dyke.

Wilton, Conn. (town of Wilton and adjacent shoreline from East Norwalk to Noroton).—Dec. 28; 9 a.m. to 4.30 p.m. Clear in morning, overcast in afternoon; ground bare; ponds open; light northwest wind; temp. 32° at start, 38° at finish. Four observers, 3 together for 6½ hours, all 4 together for 3 hours. Total party hours afield, 24½ (14½ afoot, 10 by car); total party miles, 42 (5 afoot, 37 by car). Red-throated Loon, 2; Horned Grebe, 3; Black Duck, 5; Greater Scaup, 6; Am. Golden-eye, 21; Old-squaw, 450 (est.); White-winged Scoter, 1; Am. Merganser, 31; Red-breasted Merganser, 2; Sparrow Hawk, 1; Herring Gull, 65; Hairy Woodpecker, 1; Downy Woodpecker, 4; Blue Jay, 3; Crow, 5; Black-capped Chickadee, 75; White-breasted Nuthatch, 4; Bluebird, 12; Starling, 44; Myrtle Warbler, 4; English Sparrow, 16; Purple Finch, 10; Goldfinch, 16; Slate-colored Junco, 26; Tree Sparrow, 29; White-throated Sparrow, 3; Fox Sparrow, 2. **Total,** 27 species; about 841 individuals.—Leonard J. Bradley, Samuel E. Brown, Samuel E. Brown, Jr., Edson B. Heck.

Babylon, L. I., N. Y. (west to Lindenhurst, and east to Brightwaters).—Dec. 27; 8.15 a.m. to 6.45 p.m. Clear in a.m., becoming overcast, with rainsqualls in p.m.; ground open, no snow or ice; fall and early winter exceptionally mild; wind light to fresh, southwest, later veering to northwest, steady; temp. 30° at start, 27° at return. Total miles on foot, 16, covering typical south-shore terrain that was over the precise route for previous 5 census years. Common Loon, 2; Horned Grebe, 2; Great Blue Heron, 1; Black-crowned Night Heron, 38; Mute Swan, 11; Brant, 1; Mallard, 45 (mostly feral); Red-legged Black Duck, 28; Common Black Duck, 14; Baldpate, 4; Pintail, 1; Green-winged Teal, 2; Shoveller, 2 (pair); Greater Scaup, 950 (partly est.); Lesser Scaup, 1; Am. Golden-eye, 123; Buffle-head, 4; Old-squaw, 39; White-winged Scoter, 43; Surf Scoter, 64; Am. Scoter, 4; Hooded Merganser, 2; Am. Merganser, 1; Red-breasted Merganser, 235 (partly est.); Cooper's Hawk, 1; Marsh Hawk, 1; Duck Hawk, 1; Sparrow Hawk, 2; Bob-white, 6 (covey); Pheasant, 4; Killdeer, 2; Woodcock, 1; Black-backed Gull, 14; Herring Gull, 835 (partly est.); Ring-billed Gull, 3; Bonaparte's Gull, 1; Rock Dove, 14; Mourning Dove, 1; Screech Owl, 2; Kingfisher, 1; Flicker, 14; Downy Woodpecker, 2; Northern Horned Lark, 32; Blue Jay, 14; Crow, 12; Black-capped Chickadee, 34; White-breasted Nuthatch, 2; Brown Creeper, 1; Winter Wren, 1; Robin, 1; Bluebird, 1; Golden-crowned Kinglet, 3; Starling, 20,300 (est.—normal numbers locally all day were augmented at dusk by huge flocks going to roost); Myrtle Warbler, 29; English Sparrow, 235 (partly est.); Meadowlark, 32;

Red-wing, 9; Cowbird, 2; Purple Finch, 9; Pine Siskin, 5; Goldfinch, 14; White-winged Crossbill, 1; Towhee, 1; Savannah Sparrow, 2; Sharp-tailed Sparrow, 1; Slate-colored Junco, 33; Tree Sparrow, 123; Field Sparrow, 18; White-throated Sparrow, 23; Fox Sparrow, 1; Swamp Sparrow, 2; Song Sparrow, 19. **Total,** 72 species; approximately 23,482 individuals.—JOHN H. MAYER.

Bayville to Fort Salonga, L. I., N. Y. (Mill Neck and Roosevelt sanctuaries, Lloyd Neck, Eaton's Neck and Crab Meadow Beach south to Melville).—Dec. 26; dawn to sunset. Partly cloudy in morning, light rain in afternoon; virtually no wind; temp. 34° at start, 44° at 3 P.M., 39° at sundown. Over 10 miles on foot, 86 miles by automobile. Common Loon, 3; Red-throated Loon, 1; Horned Grebe, 46; Pied-billed Grebe, 3; Great Blue Heron, 22 (17 in one flock); Black-crowned Night Heron, 31; Mute Swan, 18; Canada Goose, 36; Mallard, 160; Common and Red-legged Black Duck, 1200 (est.); Gadwall, 1; Baldpate, 24; Pintail, 13; European Teal, 1 (drake seen well at close range); Green-winged Teal, 22; Shoveller, 12; Wood Duck, 1; Greater Scaup, 300 (est.); Am. Golden-eye, 350 (est.); Bufflehead, 9; Old-squaw, 400 (est.); Am. Scoter, 6; White-winged Scoter, 3000 (est.); Surf Scoter, 400 (est.); Hooded Merganser, 14; Am. Merganser, 1; Red-breasted Merganser, 200 (est.); Cooper's Hawk, 1; Red-tailed Hawk, 1; Pheasant, 8; Coot, 6; Black-backed Gull, 12; Herring Gull, 1200 (est.); Ring-billed Gull, 20; Rock Dove, 4; Mourning Dove, 1; Screech Owl, 1; Belted Kingfisher, 1; Flicker, 16; Hairy Woodpecker, 8; Downy Woodpecker, 14; Blue Jay, 38; Crow, 20,000+ (evening at roost); Fish Crow, 25 (flew in to roost at dusk); Black-capped Chickadee, 86; White-breasted Nuthatch, 14; Brown Creeper, 6; Brown Thrasher, 1; Robin, 60; Hermit Thrush, 5; Golden-crowned Kinglet, 35; Cedar Waxwing, 22; Starling, 360; Myrtle Warbler, 18; English Sparrow, 50; Meadowlark, 1; Pine Siskin, 250 (est.); Goldfinch, 300 (est.); Slate-colored Junco, 100 (est.); Tree Sparrow, 54; Field Sparrow, 10; White-throated Sparrow, 110; Fox Sparrow, 14; Swamp Sparrow, 1; Song Sparrow, 25; Snow Bunting, 4. **Total,** 67 species; approximately 29,156 individuals. Also several thousand ducks too distant for identification.—MR. and MRS. ALLAN D. CRUICKSHANK.

Easthampton to Watermill, L. I., N. Y. (southwest shore of Gardiner's Bay to ocean beach, and fresh-water ponds, salt marshes, coastal brackish ponds, farmlands, pitch pine and oak woods, juniper thickets, shores of Mecox Bay; observations from 18 different points on ocean beach).—Dec. 28; 4.45 A.M. to 10 P.M. Heavy clouds, occasionally breaking up; no snow or ice; wind mostly absent or very faint; variable, mostly southeast to southwest; temp. 32° at start, 35° at return. Eight observers in 3 parties of 2 each, and 2 single observers. Frequently the single observers joined other groups, and occasionally all groups combined to cover particular areas. Total hours afield, 17¼ (14 on foot, 3¼ by car, approximately); total party miles, 317 (285 by car, 32 on foot). Loon, 176; Red-throated Loon, 484; Holboell's Grebe, 11; Horned Grebe, 19; Gannet, 4; Cormorant (probably Double-crested), 1; Great Blue Heron, 14; Black-crowned Night Heron, 4; Mute Swan, 91; Whistling Swan, 6; Canada Goose, 889; Brant, 40 (est.); Mallard, 8; Common and Red-legged Black Duck, 2063 (both races identified, latter preponderating); Baldpate, 47; Pintail, 6; Green-winged Teal, 1; Redhead, 48+; Ring-necked Duck, 40+; Canvasback, 51+; Greater Scaup, 12,650+ (est.); Lesser Scaup, 20+ (well identified at close range, in 2 different flocks); Golden-eye, 128; Buffle-head, 25; Old-squaw, 297+; King Eider, 2 (imm. ♂s); White-winged Scoter, 2230 (est.); Surf Scoter, 1222 (est.); Am. Scoter, 46+; unidentified scoters, circ. 2000; other unidentified ducks, circ. 1200; Ruddy Duck, 21; Hooded Merganser, 1; Red-breasted Merganser, 74; Am. Merganser, 49; Sharp-shinned Hawk, 3; Cooper's Hawk, 2; Marsh Hawk, 10; Duck Hawk, 1; Sparrow Hawk, 13; Ruffed Grouse, 1; Pheasant, 4; Coot, 45; Black-bellied Plover, 2; Wilson's Snipe, 1; Black-backed Gull, 92; Herring Gull, 3231 (est.); Ring-billed Gull, 562 (est.); Bonaparte's Gull, 440 (est.); Kittiwake, 1; Mourning Dove, 2; Barn Owl, 3; Screech Owl, 6; Great Horned Owl, 1; Snowy Owl, 1; Barred Owl, 1; Long-eared Owl, 4; Short-eared Owl, 4; Saw-whet Owl, 1 (3 others known to be in region); Kingfisher, 1; Flicker, 27; Red-headed Woodpecker, 1 (adult ♂, on telephone pole just back of ocean beach—W. T. Helmuth; also a young male seen Dec. 30, by K. Stowell, in Easthampton); Hairy Woodpecker, 1; Downy Woodpecker, 8; Horned Lark, 213; Prairie Horned Lark, 4; Blue Jay, 12; Raven, 1 (lone bird, heard first, then seen perched on tall oak in a grove beside Georgica Pond; wedge-shaped tail, heavy bill, angular head outline, even pointed feathers of throat seen, although bird was not very close, and extremely wary; in flight, characteristic wing action of Raven clearly observed; first record for this region by these observers); Crow, 74; Chickadee, 60 (est.); White-breasted Nuthatch, 3; Red-breasted Nuthatch, 9; Brown Creeper, 1; Winter Wren, 2; Long-billed Marsh Wren, 1; Mocking-bird, 1 (resident since early Oct.); Catbird, 1; Robin, 14; Hermit Thrush, 2; Bluebird, 7; Golden-crowned Kinglet, 5; Cedar Waxwing, 5; Starling, 6500+ (est.); Myrtle Warbler, 427 (est.); English Sparrow, 183 (est.); Meadowlark, 29; Red-wing, 5; Cowbird, 830 (est.); Purple Finch, 3; Pine Siskin, 201 (single bird and a large flock); Goldfinch, 37; Ipswich Sparrow, 1; Savannah Sparrow, 7; Junco, 33; Tree Sparrow, 105; Field Sparrow, 2; White-throated Sparrow, 135 (est.); Fox Sparrow, 19; Swamp Sparrow, 35 (at least!); Song Sparrow, 54 (est.); Snow Bunting, 5; Rock Dove, 100 (est.). **Total,** 101 species; approximately 37,563 individuals.—RICHARD FISCHER, WM. T. HELMUTH, 3RD, WALTER HELMUTH, MR. and MRS. G. D. SCOTT, SELAH LESTER, PETER SCOTT, H. C. SCOTT.

Montauk, L. I., N. Y. (lighthouse to Promised Land; south shore Gardiner's Bay and ocean beach; Oyster Pond; Great Pond).—Dec. 21; 7.10 A.M. to 4.15 P.M. Clear; fresh-water ponds almost all frozen; ice forming in salt ponds and edges of bay and ocean; no snow; wind northwest,

very strong; temp. 10° at start, 18° at close. Seven observers in 2 parties of 2 each, and 1 party of 3; in P.M., first 2 parties combined. Total hours afield, 9 (1 by car, 8 on foot); total miles (all parties), 179 (147 by car, 32 on foot). Loon, 18; Red-throated Loon, 8; Holboell's Grebe, 1; Gannet, 37; Mute Swan, 3; Black Duck, 17; Scaup (sp.?), 1000 (est.); Golden-eye, 275 (est.); Bufflehead, 52; Old-squaw, 60 (est.); King Eider, 1; White-winged Scoter, 6000 (est.); Surf Scoter, 4000 (est.); Am. Scoter, 600 (est.); Am. Merganser, 2; Red-breasted Merganser, 5000 (est.); unidentified ducks, probably Red-breasted Mergansers and scoters, 20,000 (est.); Rough-legged Hawk, 4; Marsh Hawk, 7; Coot, 2; Purple Sandpiper, 4; Black-backed Gull, 100 (est.); Herring Gull, 5000 (est.); Bonaparte's Gull, 300 (est.); Snowy Owl, 2; Flicker, 13; Horned Lark, 25 (est.); Blue Jay, 2; Crow, 21; Chickadee, 5; Catbird, 1; Robin, 7; Starling, 300 (est.); Myrtle Warbler, 125 (est.); English Sparrow, 20; Meadowlark, 6; Cowbird, 1; Pine Siskin, 2; Goldfinch, 4; Junco, 8; Tree Sparrow, 130 (est.); Field Sparrow, 2; White-throated Sparrow, 1; Swamp Sparrow, 1; Song Sparrow, 14; Snow Bunting, 200 (est.). **Total,** 42 species; approximately 43,381 individuals. High wind and sudden severe fall in temperature greatly handicapped observations.—LEO BRESLAU, GEOFFREY CARLETON, WILLIAM T. HELMUTH, SELAH LESTER, C. MCKEEVER, GEORGE D. SCOTT, PETER SCOTT.

Orient, L. I., N. Y.—Dec. 26; all day. Clear in A.M., cloudy in P.M.; wind light, north to east; temp. 32° at start, 40° at return; ground bare with trace of frost at start. Loon, 11; Horned Grebe, 7; Great Blue Heron, 2; Black-crowned Night Heron, 2; Canada Goose, 5; Black Duck, 125; Green-winged Teal, 1; Greater Scaup, 1600 (est.); Golden-eye, 1400 (est.); Buffle-head, 14; Old-squaw, 1800 (est.); White-winged Scoter, 2200 (est.); Surf Scoter, 140; Am. Scoter, 6; Am. Merganser, 2; Red-breasted Merganser, 48; Sharp-shinned Hawk, 1; Bald Eagle, 1; Marsh Hawk, 2; Sparrow Hawk, 2; Bob-white, 11; Pheasant, 16; King Rail, 1; Killdeer, 1; Woodcock, 1; Great Black-backed Gull, 5; Herring Gull, 350 (est.); Laughing Gull, 3; Mourning Dove, 2; Screech Owl, 3; Long-eared Owl, 1; Kingfisher, 1; Flicker, 3; Downy Woodpecker, 3; Horned Lark, 37; Blue Jay, 3; Crow, 80; Chickadee, 23; Red-breasted Nuthatch, 1; Brown Creeper, 1; Carolina Wren, 2; Brown Thrasher, 1; Robin, 12; Hermit Thrush, 2; Bluebird, 2; Golden-crowned Kinglet, 4; Cedar Waxwing, 5; Starling, 850 (est.); Myrtle Warbler, 35; Palm Warbler, 2; English Sparrow, 150 (est.); Meadowlark, 35; Red-wing, 1; Grackle, 3; Purple Finch, 4; Pine Siskin, 3; Goldfinch, 7; Ipswich Sparrow, 3; Savannah Sparrow, 2; Junco, 5; Tree Sparrow, 33; White-throated Sparrow, 8; Swamp Sparrow, 5; Song Sparrow, 65; Lapland Longspur, 2; Snow Bunting, 450 (est.). **Total,** 66 species; approximately 9944 individuals.—ROY LATHAM.

Smithtown, L. I., N. Y. (T. J. White estate, Nissequogue River to Short Beach, Long Beach, Stony Brook Harbor, West Meadow Beach, and Old Field Point).—Dec. 24; 5.15 A.M. to 5 P.M. Heavy rain, driven by a high southeast wind lasted until just before noon; cleared slowly, becoming calm and sunny by 3 P.M.; temp. 53° at start, 58° at 2.15, 53° at dusk. Observers together most of the time, occasionally separating. Total miles, 79; (72 by car, 7 on foot). Common Loon, 4; Horned Grebe, 17; Great Blue Heron, 4; Black-crowned Night Heron, 12; Mute Swan, 5; Mallard, 79; Red-legged and Common Black Duck (both forms identified), 464; European Widgeon, 1 (♂); Baldpate, 62; Pintail, 5; Ring-necked Duck, 231; Greater Scaup, 56; Golden-eye, 75; Buffle-head, 10; Old-squaw, 63; Am. Scoter, 10; White-winged Scoter, 2091; Surf Scoter, 1; Hooded Merganser, 4; Am. Merganser, 1; Red-breasted Merganser, 921; Cooper's Hawk, 1; Sparrow Hawk, 1; Pheasant, 2; Clapper Rail, 2; Coot, 4; Black-backed Gull, 38; Herring Gull, 1615; Ring-billed Gull, 60; Screech Owl, 2; Long-eared Owl, 1; Kingfisher, 2; Flicker, 2; Hairy Woodpecker, 2; Downy Woodpecker, 4; Blue Jay, 45; Crow, 63; Fish Crow, 2; Chickadee, 50; White-breasted Nuthatch, 6; Red-breasted Nuthatch, 1; Brown Creeper, 1; Winter Wren, 1; Bluebird, 10; Golden-crowned Kinglet, 7; Starling, 37; Myrtle Warbler, 46; English Sparrow, 42; Meadowlark, 9; Red-wing, 37; Grackle (subsp.?), 1; Purple Finch, 2; Pine Siskin, 12; Goldfinch, 16; Junco, 53; Tree Sparrow, 75; Field Sparrow, 7; White-throated Sparrow, 27; Swamp Sparrow, 14; Song Sparrow, 21; Snow Bunting, 2. **Total,** 62 species; approximately 6439 individuals.—RICHARD B. FISCHER, JAMES G. RALSTON.

Southern Nassau County, L. I., N. Y. (fields, woods, marshes, and beaches; Atlantic Beach to Jones Beach, Valley Stream to Massapequa, north to Garden City).—Dec. 22; 6.30 A.M. to 5.30 P.M. Clear; ground bare; moderate north wind; temp. 11° min., 27° max. Eleven observers in 9 parties. About 55 hours in the field; estimated party miles, 150 (about 50 on foot, 100 by car). Common Loon, 19; Red-throated Loon, 8; Holboell's Grebe, 1; Horned Grebe, 17; Gannet, 3; Great Blue Heron, 3; Black-crowned Night Heron, 4; Am. Bittern, 1; Mute Swan, 12; Canada Goose, 25; Mallard, 125; Common and Red-legged Black Duck, 3308 (est.—both forms); European Widgeon, 2; Baldpate, 150; Pintail, 248; Green-winged Teal, 82; European Teal, 2; Shoveller, 19; Wood Duck, 2; Ring-necked Duck, 4; Greater Scaup, 1; Lesser Scaup, 6; Golden-eye, 10; Old-squaw, 1; White-winged Scoter, 230; Surf Scoter, 39; Am. Scoter, 32; Ruddy Duck, 1; Hooded Merganser, 27; Am. Merganser, 130; Red-breasted Merganser, 33; Sharp-shinned Hawk, 1; Red-shouldered Hawk, 1; Rough-legged Hawk, 2; Marsh Hawk, 5; Sparrow Hawk, 17; Bob-white, 14; Pheasant, 2; Clapper Rail, 1; Coot, 1; Killdeer, 3; Wilson's Snipe, 3; Red-backed Sandpiper, 45; Greater Yellow-legs, 1; Purple Sandpiper, 26; Sanderling, 11; Black-backed Gull, 191; Herring Gull, 10,000 (est.); Ring-billed Gull, 60; Bonaparte's Gull, 2; Brünnich's Murre, 1; Mourning Dove, 53; Rock Dove, 35; Barn Owl, 2; Snowy Owl, 1; Long-eared Owl, 3; Kingfisher, 1; Flicker, 5; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 1; Downy Woodpecker, 7; Northern Horned Lark, 89; Prairie Horned Lark, 3; Blue Jay, 50; Crow, 82; Chickadee, 128; White-breasted

Nuthatch, 5; Red-breasted Nuthatch, 7; Brown Creeper, 1; Catbird, 2; Brown Thrasher, 1; Robin, 10; Golden-crowned Kinglet, 2; Starling, 2500 (est.); Myrtle Warbler, 237; English Sparrow, 490; Meadowlark, 8; Red-wing, 5; British Goldfinch, 2; Common Redpoll, 2; Pine Siskin, 66; Goldfinch, 74; Ipswich Sparrow, 7; Savannah Sparrow, 6; Junco, 111; Tree Sparrow, 193; Field Sparrow, 2; White-throated Sparrow, 93; Fox Sparrow, 8; Swamp Sparrow, 9; Song Sparrow, 122; Snow Bunting, 27. **Total,** 93 species; approximately 19,383 individuals.—William Astle, John Elliot, Richard Fischer, David E. Harrower, John Mayer, Edmund Morgan, John T. Nichols, James Ralston, George Rose, Walton Sabin, Mrs. James Selby.

Westhampton, L. I., N. Y. (to South Haven).—Dec. 26; 7 A.M. to 4.30 P.M. Clear in early morning, cloudy after 10.30; light east wind; temp. 30° at start, 42° at return. Common Loon, 4; Pied-billed Grebe, 1; Great Blue Heron 12; Mute Swan, 7; Canada Goose, 103; Mallard, 25; Red-legged and Common Black Duck, 1250; Baldpate, 75; Pintail, 100; Redhead, 1; Ring-necked Duck, 20; Greater and Lesser Scaup, 6000 (est.); Am. Golden-eye, 74; Buffle-head, 2; Old-squaw, 8; White-winged Scoter, 40; Red-breasted Merganser, 80; Bald Eagle, 1; Marsh Hawk, 2; Sparrow Hawk, 2; Coot, 10; Red-backed Sandpiper, 3; Sanderling, 16; Black-backed Gull, 9; Herring Gull, 600 (est.); Ring-billed Gull, 6; Bonaparte's Gull, 1; Snowy Owl, 1; Short-eared Owl, 1; Kingfisher, 1; Flicker, 1; Hairy Woodpecker, 1; Downy Woodpecker, 2; Northern Horned Lark, 4; Blue Jay, 21; Crow, 22; Chickadee, 23; White-breasted Nuthatch, 3; Red-breasted Nuthatch, 3; Brown Creeper, 1; Winter Wren, 1; Carolina Wren, 1; Short-billed Marsh Wren, 1; Robin, 1; Golden-crowned Kinglet, 2; Starling, 150; Myrtle Warbler, 26; Yellow Palm Warbler, 1; English Sparrow, 150; Meadowlark, 17; Red-wing, 1; Goldfinch, 35; Savannah Sparrow, 6; Tree Sparrow, 32; White-throated Sparrow, 20; Fox Sparrow, 2; Swamp Sparrow, 5; Song Sparrow, 22; Snow Bunting, 39. **Total,** 61 species; approximately 9048 individuals.—LeRoy Wilcox.

Bronx and Westchester Counties, N. Y. (area within a 15-mile circle touching on southern tip of City Island, lower Bronx Park, Irvington, Purchase and northern end of Manursing Island; region includes upper half of Bronx County and lower portions of Westchester County, a 7-mile strip along west bank of Hudson River and Sands Point, L. I.).—Dec. 28; from about ½ hour before dawn to about ½ hour after dark. Sky overcast; visibility good; no snow; all water open; mild north wind; temp. 34° at start, 45° at midday, 37° at dark. Thirty-nine observers, working in 8 territorial units, usually dispersed into parties of 1, 2, 3, or more and deployed to cover assigned areas. Common Loon, 7; Red-throated Loon, 13; Holboell's Grebe, 3; Pied-billed Grebe, 1; Double-crested Cormorant, 2; Great Blue Heron, 17; Black-crowned Night Heron, 100 (est.); Am. Bittern, 2; Mallard, 173; Red-legged and Common Black Duck, 2000 (both forms identified and estimated); Baldpate, 18; Pintail, 6; Green-winged Teal, 4; Wood Duck, 12; Ring-necked Duck, 1; Greater Scaup, 5600 (est.); Am. Golden-eye, 475 (est.); Buffle-head, 7; Old-squaw, 7; White-winged Scoter, 500 (est.); Am. Scoter, 1; Hooded Merganser, 21; Am. Merganser, 200 (est.); Red-breasted Merganser, 650 (est.); Sharp-shinned Hawk, 5; Cooper's Hawk, 4; Red-tailed Hawk, 17; Red-shouldered Hawk, 5; Rough-legged Hawk, 2; Bald Eagle, 1; Golden Eagle, 1 (present for several weeks; all field marks carefully checked—Mathews, Johnson); Duck Hawk, 3; Sparrow Hawk, 22; Bob-white, 15 (covey); Pheasant, 100 (est.); Clapper Rail, 1; Virginia Rail, 2; Sora, 1; Killdeer, 22; Wilson's Snipe, 1; Purple Sandpiper, 6; Sanderling, 2; Great Black-backed Gull, 19; Herring Gull, 7550 (est.); Ring-billed Gull, 13; Rock Dove, 16; Mourning Dove, 6; Barn Owl, 2; Screech Owl, 4; Great Horned Owl, 3; Snowy Owl, 1; Barred Owl, 2; Kingfisher, 11; Flicker, 5; Pileated Woodpecker, 1; Hairy Woodpecker, 20; Downy Woodpecker, 68; Blue Jay, 325 (est.); Raven, 1 (very rare in N. Y. City region; seen in company of Crows flying over at close range; buteo-like shape and flight, larger size, wedge-shaped tail and long throat feathering clearly seen—Bull, Young); Eastern Crow, 580 (est.); Fish Crow, 2; Chickadee, 640 (est.—this is 6½ times the number seen last year, 50% more than previous highest count and nearly 3 times the previous 10-year average); Acadian Chickadee, 1 (first record for region since winter of 1916–17; carefully studied at very close range, all necessary field marks being noted including call notes which were slower and coarser than Black-capped's—A. M., R. L., P. H., and R. R. Thomas); Tufted Titmouse, 12; White-breasted Nuthatch, 88; Red-breasted Nuthatch, 6; Brown Creeper, 6; Winter Wren, 4; Long-billed Marsh Wren, 1; Robin, 4; Hermit Thrush, 8; Bluebird, 20; Golden-crowned Kinglet, 13; Starling, 1775 (est.); Myrtle Warbler, 135 (est.); English Sparrow, 935 (est.); Meadowlark, 19; Red-wing, 57; Rusty Blackbird, 1; Grackle, 33; Cowbird, 4; Cardinal, 6; Purple Finch, 12; Redpoll, 1; Pine Siskin, 8; Goldfinch, 155 (est.); Towhee, 1; Savannah Sparrow, 9; Junco, 700 (est.); Tree Sparrow, 625 (est.); Field Sparrow, 53; White-throated Sparrow, 200 (est.); Fox Sparrow, 64; Swamp Sparrow, 5; Song Sparrow, 250; Snow Bunting, 1. **Total,** 98 species; approximately 24,311 individuals.—Gilbert Banner, James Blaut, John Bull, Irving Cantor, Mr. and Mrs. Allan D. Cruickshank, Donald, Richard, Robert and Mrs. William J. Deed, William Drescher, Eugene Eisenmann, William Ephraim, William Feigin, Benedict and Murray Gell-Mann, Walter Goldstein, Richard A. Herbert, John Johnson, Irving Kassoy, John Kieran, George Komorowsky, John Mathews, Alfred Milch, Leon Moses, William Norse, Michael Oboiko, Joseph Orenstein, Roger T. Peterson, John Philips, Hustace H. Poor, Orlando K. Stephenson, Charles Staloff, Allen M., Richard L., Robert R. and Paul H. Thomas, J. Addison Young, G. Carleton, Graham School Bird Club.

Buffalo, N. Y. (centering from Grand Island, Canadian and American shore of Niagara River, Buffalo to Niagara Falls).—Dec. 21; 8 A.M. to

4.30 P.M. Fair; ground bare; small lakes frozen; wind light; temp. 17° to 26°. Thirty-eight observers in 12 parties. Total miles, 211 (45 afoot, 166 by car); total hours, 86 (42 afoot, 44 by car). Common Loon, 3; Mallard, 79; Red-legged and Common Black Duck, 1080; Baldpate, 4; Pintail, 32; Green-winged Teal, 7; Canvas-back, 533; Greater and Lesser Scaup, 1176; Am. Golden-eye, 2556; Buffle-head, 64; Old-squaw, 15; White-winged Scoter, 1; Am. Merganser, 205; Red-breasted Merganser, 111; Sharp-shinned Hawk, 2; Cooper's Hawk, 1; Red-tailed Hawk, 5; Rough-legged Hawk, 5; Bald Eagle, 1; Sparrow Hawk, 13; Ruffed Grouse, 3; Pheasant, 221; Wilson's Snipe, 2; Black-backed Gull, 14; Herring Gull, 3094; Ring-billed Gull, 115; Bonaparte's Gull, 2608; Mourning Dove, 1; Great Horned Owl, 4; Snowy Owl, 1; Long-eared Owl, 2; Short-eared Owl, 1; Flicker, 1; Hairy Woodpecker, 13; Downy Woodpecker, 37; Blue Jay, 24; Crow, 170; Chickadee, 263; White-breasted Nuthatch, 33; Brown Creeper, 7; Golden-crowned Kinglet, 20; Starling, 1505; English Sparrow, 816; Red-wing, 1; Cardinal, 7; Junco, 4; Tree Sparrow, 152; Song Sparrow, 1; Snow Bunting, 1. **Total,** 51 species; 15,014 individuals. Also 1 Screech Owl picked up dead.—W. H. ALMENDINGER, ROBERT ANDERLE, MILDRED BAKER, CLARK S. BEARDSLEE, T. L. BOURNE, WINSTON BROCKNER, JOHN DOYLE, R. FLACKLAM, GORDON GROTKE, LEE and JOHN HERNDON, MRS. H. H. HICKMAN, MRS. T. M. KELLY, MR. and MRS. WARD KLEPFER, CONSTANCE KOGEL, MRS. R. D. MADISON, MRS. LLOYD MANSFIELD, HAROLD D. MITCHELL, LAWRENCE MURPHY, DONALD A. PAUSE, STEPHEN POTTER, KATHRYN and EUGENIA PRAEMASSING, JAMES SAVAGE, DR. and MRS. M. SCHULZ, MR. and MRS. EDWARD SEEBER, ADA STANLEY, HEATHER THORPE, MR. and MRS. E. C. ULRICH, RAY M. VERRILL, ALFRED and HOWARD WANDER, MARIE WENDLING, HOWARD WEISNET (Buffalo Ornithological Society).

Cortland, N. Y. (Tioughnioga River, south end of Skaneateles Lake, Little York, Gracie Swamp, marl ponds, garbage dump, and Lake Como area).—Dec. 28; 7 A.M. to 5.30 P.M. Cloudy; ground practically bare until 3 P.M., 2-in. snow falling between 3 and 5.30 P.M.; wind northwest, very light; temp. 24° at start and return. Eight observers in 5 parties. Total hours afield, 25 (20 on foot, 5 by car); total party miles, 106 (19 afoot, 87 by car). Mallard, 15; Black Duck, 20 (est.); Ring-necked Duck, 16; Canvas-back, 2; Greater Scaup, 245; Lesser Scaup, 8; Am. Golden-eye, 48; Hooded Merganser, 4; Am. Merganser, 32; Red-tailed Hawk, 5 (all at garbage dump); Sparrow Hawk, 2; Ruffed Grouse, 3; European Partridge, 10 (flock); Pheasant, 15; Herring Gull, 158; Ring-billed Gull, 3; Screech Owl, 1; Horned Owl, 2; Belted Kingfisher, 1; Hairy Woodpecker, 6; Downy Woodpecker, 15; Blue Jay, 34; Crow, 6000 (est.); Black-capped Chickadee, 116; White-breasted Nuthatch, 24; Brown Creeper, 5; Golden-crowned Kinglet, 2; Starling, 4000 (est.); English Sparrow, 250 (est.); Cardinal, 1 (third record for county—R.C.A.); Redpoll, 36; Junco, 3; Tree Sparrow, 89; White-throated Sparrow, 1 (second winter record—R.C.A., H.H.A., *et al.*); Song Sparrow, 8. **Total,** 35 species; approximately 11,360 individuals. Additional species noted in area during the week: Redhead, 2; Glaucous Gull, 1.—HAROLD H. AXTELL, RACHEL C. AXTELL, JAMES BEAN, MERTON BEAN, ROBERT BEAN, C. H. DAVIS, HARRY C. YORK, OLIVE R. YORK.

Croton Point, N. Y. (north along the Hudson to Montrose, east to Croton Reservoir, and Chappaqua, and south to extreme north end of Kensico Reservoir).—Dec. 21; 5.30 A.M. to 4.30 P.M. Clear; cold; wind light, northwest; temp. 14° at start, 21° at return; reservoirs open, but small ponds frozen or partly so. Observers together. Total mileage, approximately 38 by auto, 11 on foot. Pied-billed Grebe, 1; Mallard, 3; Black Duck, 700 (est.); Ring-necked Duck, 15 (flock); Canvas-back, 22; Scaup (sp.?), 150 (est.); Am. Golden-eye, 2; Buffle-head, 14 (flock); Hooded Merganser, 5; Am. Merganser, 100 (est.); Red-shouldered Hawk, 1; Bald Eagle, 3 (2 adults); Pheasant, 10; Coot, 2; Killdeer, 1; Herring Gull, 200 (est.); Rock Dove, 2; Long-eared Owl, 1; Kingfisher, 2; Flicker, 2; Hairy Woodpecker, 1; Downy Woodpecker, 4; Blue Jay, 20; Crow, 1600 (includes 1550 going to roost); Chickadee, 60 (est.); White-breasted Nuthatch, 10; Brown Creeper, 3; Winter Wren, 2; Golden-crowned Kinglet, 10; Starling, 500 (est.); Myrtle Warbler, 2; English Sparrow, 500 (est.); Cardinal, 3; Purple Finch, 13; Goldfinch, 2; White-winged Crossbill, 1; Junco, 100 (est.); Tree Sparrow, 250 (est.); Fox Sparrow, 1; Swamp Sparrow, 1; Song Sparrow, 8. **Total,** 41 species; approximately 4363 individuals.—JOHN L. BULL, JR., J. ADDISON YOUNG, II, ROBERT HINES, JR.

Fort Plain, N. Y. (along Mohawk River, Abeel Island game refuge, and valleys of Oak, Otsquago and Otstungo creeks).—Dec. 28; sunrise to sunset. Cloudy, light snow in late afternoon; 4-in. snow in woods; icy in open country; wind northwest, light; temp. 26° at start, 28° at return. By car 5 miles; on foot 11 miles, with dog 'Budgie.' Am. Merganser, 15; Ruffed Grouse, 3; Pheasant, 4; Herring Gull, 3; Great Horned Owl, 1; Hairy Woodpecker, 4; Downy Woodpecker, 4; Blue Jay, 1; Chickadee, 29; White-breasted Nuthatch, 2; Brown Creeper, 1; Starling, 7; English Sparrow, 24; Redpoll, 8; Tree Sparrow, 10. **Total,** 15 species; 116 individuals.—DOUGLAS AYRES, JR.

Geneva, N. Y. (area bounded by Junius on north, west side of Cayuga Lake on east, Cayuga Lake State Park and Kashong on south, and Geneva on west—farms, orchards, mixed woods and lakes).—Dec. 28; 8.30 A.M. to 5 P.M. Cloudy; light snow late in afternoon; light northwest wind; temp. 32° all day. Eighteen observers working in 8 parties. Total party hours afield, 30 (10 on foot, 20 by car); total party miles, 140 (15 on foot, 125 by car). Horned Grebe, 24; Mallard, 4; Common and Red-legged Black Duck, 120; Redhead, 1600 (est.); Canvas-back, 1; Greater and Lesser Scaup, 1800 (est.); Am. Golden-eye, 146; Buffle-head, 25; Old-squaw, 16; Hooded Merganser, 2; Am. Merganser, 25; Red-breasted Merganser, 17; Red-tailed Hawk, 2; Rough-legged Hawk, 2; Marsh Hawk, 1; Sparrow Hawk, 3; Pheasant, 5; Coot, 73; Great Black-backed Gull,

6; Herring Gull, 65; Ring-billed Gull, 2; Rock Dove, 35; Snowy Owl, 2; Hairy Woodpecker, 7; Downy Woodpecker, 16; Blue Jay, 10; Crow, 435; Black-capped Chickadee, 78; White-breasted Nuthatch, 20; Brown Creeper, 2; Cedar Waxwing, 4; Starling, 178; English Sparrow, 700 (est.); Goldfinch, 45; Junco, 32; Tree Sparrow, 30; Swamp Sparrow, 2; Song Sparrow, 2. **Total,** 39 species and subspecies; approximately 5537 individuals. Crow roost containing an estimated 25,000 birds is located just outside area.—Loren Ward, William Van Eseltine, T. T. Odell, E. H. Wheeler, S. W. Eaton, Bella Davis, Ethel Murden, Mr. and Mrs. A. H. Barben, Mr. and Mrs. H. E. Marble, Eugene Heckman, Mr. and Mrs. Earl Brown, Mr. and Mrs. Arthur LaClare, C. Seeley Peck, E. Peck (members Eaton Bird Club).

Ithaca, N. Y. (head of Cayuga Lake, along east shore to Cayuga Heights, fields and woods near Ithaca Game Farm, thence to Taughannock Gorge).—Dec. 26; 7 A.M. to 3 P.M. Rain and sleet; ground bare; lake edged with ice; 15-mile wind from southeast; temp. 30° at start, 40° at return. Single observer, by automobile and afoot. Total miles afoot, 7; total hours afoot, 7. Canada Goose, 40; Mallard, 400 (est.); Black Duck, 40; Redhead, 100; Canvas-back, 100 (est.); Greater Scaup, 200 (est.); Lesser Scaup, 5; Am. Golden-eye, 25; Am. Merganser, 10; Red-breasted Merganser, 5; Red-tailed Hawk, 4; Marsh Hawk, 2; Sparrow Hawk, 4; Pheasant, 3; Coot, 4; Herring Gull, 500 (est.); Ring-billed Gull, 3; Rock Dove, 40; Kingfisher, 1; Flicker, 2; Hairy Woodpecker, 2; Downy Woodpecker, 6; Blue Jay, 4; Crow, 100 (est.); Black-capped Chickadee, 110; White-breasted Nuthatch, 6; Starling, 150 (est.); English Sparrow, 140 (est.); Cardinal, 2; Goldfinch, 15; Tree Sparrow, 60; Song Sparrow, 3. **Total,** 32 species; approximately 2086 individuals.—J. Kenneth Terres.

Kerhonkson, N. Y. (north along the Rondout River to Accord, then west through fields and evergreen and hardwood woodlots).—Dec. 27; 8.15 A.M. to 3 P.M. Overcast in morning with occasional squalls, clearing in afternoon; small patches of snow and ice on ground; wind west; temp. 43°. Observer alone, on foot. Am. Merganser, 4; Osprey, 1 [no details-Ed.]; Sparrow Hawk, 1; Ruffed Grouse, 5; Hairy Woodpecker, 3; Downy Woodpecker, 6; Blue Jay, 18; Crow, 31; Black-capped Chickadee, 30; White-breasted Nuthatch, 4; Winter Wren, 1; Bluebird, 5; Starling, 27; English Sparrow, 17; Goldfinch, 12; Tree Sparrow, 77. **Total,** 16 species; 242 individuals.—Robert Terwelliger.

Otisville (Orange Co.), N. Y. (through village and neighboring countryside).—Dec. 21; 6.30 A.M. to 5 P.M. Clear; ground partly covered with ice and snow; moderate northwest wind; temp. 6° at start, 18° at return. Observers together. About 10 miles on foot (9½ hours), 14 by car (1 hour). Pheasant, 4; Great Horned Owl, 1 (hooting); Flicker, 1; Downy Woodpecker, 4; Blue Jay, 5; Crow, 11; Black-capped Chickadee, 38; White-breasted Nuthatch, 7; Starling, 55; English Sparrow, 13; Red-wing, 1 (♀); Redpoll, 25; Tree Sparrow, 45; Swamp Sparrow, 1; Song Sparrow, 2. **Total,** 15 species; 213 individuals.—Ralph A. Hubler, Donald L. Patterson.

Port Chester, N. Y. (Long Island Sound shore from Rye to Noroton, Conn.; Rye, Kensico, Wampus, Byram, Laurel Lakes, etc.).—Dec. 28; 6 A.M. to 5.30 P.M. Clear in A.M., overcast in P.M.; ground bare; wind light, west; temp. 31° at start, 39° at finish. Eleven observers working in 6 parties by car and by foot. Total party hours afield, 45 (28 afoot, 17 by car); total party miles, 287 (45 on foot, 242 by car). Horned Grebe, 2; Pied-billed Grebe, 4; Mallard, 55; Common and Red-legged Black Duck (both forms identified), 250; Ring-necked Duck, 110; Scaup, 170; Am. Golden-eye, 140; Buffle-head, 25; Old-squaw, 3; White-winged Scoter, 50; Am. Scoter, 1; Hooded Merganser, 18; Am. Merganser, 30; Red-breasted Merganser, 75; Goshawk, 1; Red-tailed Hawk, 3; Red-shouldered Hawk, 5; Sparrow Hawk, 4; Ruffed Grouse, 1; Coot, 84; Killdeer, 1; Great Black-backed Gull, 2; Herring Gull, 600 (est.); Mourning Dove, 1; Screech Owl, 1; Great Horned Owl, 1; Barred Owl, 4; Long-eared Owl, 4; Belted Kingfisher, 2; Flicker, 1; Hairy Woodpecker, 5; Downy Woodpecker, 10; Blue Jay, 42; Crow, 130; Black-capped Chickadee, 85; White-breasted Nuthatch, 11; Winter Wren, 1; Bluebird, 6; Golden-crowned Kinglet, 3; Starling, 125; Myrtle Warbler, 45; English Sparrow, 20; Cowbird, 5; Purple Finch, 1; Goldfinch, 18; Slate-colored Junco, 96; Tree Sparrow, 70; White-throated Sparrow, 4; Fox Sparrow, 2; Song Sparrow, 8. **Total,** 51 species and subspecies; approximately 6698 individuals.—Margaret Brooks, Richard L. Burdsall, P. Cecil Spofford, John Moxhay, Robert K. Ungemah, George Dock, Jr., Joseph Nagler, Fred Nagler, John Kieran, Herman Forster, W. Bolton Cook.

Rochester, N. Y. (Lake Ontario shore from Rigney's Bluff to Irondequoit Bay outlet, Glen Haven and Tryon Park, Highland Park, Mt. Hope Cemetery, Durand-Eastman Park, Mendon Ponds Park and White Swamp).—Dec. 21; 8.30 A.M. to 4.30 P.M. Intermittent clouds and brilliant sunshine with frequent transient snow flurries; 1–2-in. snow on ground; ponds frozen except for small open areas; moderate west wind; temp. 18° at start, 26° at finish. Twenty-one observers in 9 groups. Total party hours afoot, 39; total party miles afoot, 51. Horned Grebe, 2; Snow Goose, 5 (subsp. ?, flying south at great height in diagonal formation over Mendon Ponds—Nelson, Spitz); Mallard, 550±; Red-legged Black Duck, 5 (definitely identified); Black Duck, 630±; Baldpate, 1; Pintail, 1; Green-winged Teal, 1; Shoveller, 1 (present all fall to date); Redhead, 1; Ring-necked Duck, 6; Greater Scaup, 2 (definitely identified); Lesser Scaup, 540±; Golden-eye, 240±; Bufflehead, 16; Old-squaw, 7; White-winged Scoter, 16; Am. Merganser, 13; Red-breasted Merganser, 9; Cooper's Hawk, 3; Red-tailed Hawk, 4; Red-shouldered Hawk, 2; Rough-legged Hawk, 1; Marsh Hawk, 1; Sparrow Hawk, 1; Hungarian Partridge, 1; Pheasant, 81; Glaucous Gull, 1 (adult, in company with Herring and Black-backed for comparison of size—Meade, Secker, Siebert); Black-backed Gull, 16; Herring Gull, 90; Ring-

billed Gull, 300±; Bonaparte's Gull, 510; Rock Dove, 1; Screech Owl, 2; Hairy Woodpecker, 5; Downy Woodpecker, 9; Blue Jay, 21; Crow, 43; Black-capped Chickadee, 101; White-breasted Nuthatch, 16; Red-breasted Nuthatch, 1; Brown Creeper, 4; Winter Wren, 2; Golden-crowned Kinglet, 24; Cedar Waxwing, 22; Starling, 100±; English Sparrow, 86; Cardinal, 2; Pine Grosbeak, 27; Redpoll, 2; Pine Siskin, 3; Goldfinch, 3; Slate-colored Junco, 54; Tree Sparrow, 81; Song Sparrow, 5; Snow Bunting, 6. **Total,** 56 species; approximately 3677 individuals.—Albert Bussewitz, William Dilger, Wm. L. G. Edson, Jacob Gramlich, John Goetsch, Richard Horsey, Carson Jarvis, Alvin Klonick, Gordon Meade, Howard Miller, Donald Nelson, Richard O'Hara, Lucius Paul, Fred Raetz, Hugh Schaefer, Oscar Schaefer, Ambrose Secker, Elmer Siebert, Donald Spitz, Joseph Taylor, Allen Walker (Genesee Ornithological Society).

Rockland County, N. Y. (Hudson River shore, Palisades north to Grassy Point; Blauvelt, Tappan and New City; fields, woods and marshes). —Dec. 27; 6.30 a.m. to 5 p.m. Overcast; windy; temp. 38° at start, 45° at finish. Nine observers working in 5 parties. Total party hours afield, 32 (29 afoot, 3 by car); total party miles, 110 (30 afoot, 80 by car). Mute Swan, 1; Mallard, 2; Black Duck, 207; Am. Golden-eye, 2; Am. Merganser, 163; Goshawk, 1; Cooper's Hawk, 1; Red-shouldered Hawk, 1; Bald Eagle, 1; Sparrow Hawk, 3; Pheasant, 1; Great Black-backed Gull, 1; Herring Gull, 475; Mourning Dove, 5; Belted Kingfisher, 2; Flicker, 2; Hairy Woodpecker, 3; Downy Woodpecker, 16; Blue Jay, 74; Crow, 183; Black-capped Chickadee, 76; Tufted Titmouse, 3; White-breasted Nuthatch, 25; Winter Wren, 10; Robin, 1; Bluebird, 1; Golden-crowned Kinglet, 1; Starling, 71; English Sparrow, 92; Purple Grackle, 2; Cowbird, 6; Cardinal, 4; Goldfinch, 35; Slate-colored Junco, 78; Tree Sparrow, 106; White-throated Sparrow, 6; Song Sparrow, 20. **Total,** 37 species; 1681 individuals.—Mrs. Wm. J. Deed, Robert Deed, Donald Deed, Richard Deed, Mrs. Leonard Morgan, Ethel Storms, Robert E. Leber, Peter Poor, Angus Deming (Rockland County Conservation Association, Inc.).

Schenectady, N. Y. (Mohawk River from Lock 8 to Mohawk View, Collins Lake, Woestina Sanctuary and lower Rotterdam Hills, Central Park, Vale and Parkwood Cemeteries, Meadowdale, Indian Ladder, Fuller and Oxford Road sections of Albany, Albany airport, Consaul Road, Watervliet Reservoir, and intervening territory). —Dec. 21; 7 a.m. to 4.30 p.m. Clear; fields mostly covered with light, crusted snow; minimum of open water; temp. −4° at start, 13° at noon, 11° at return; wind moderate, northwest. Twenty-five observers working in 8 parties. Total party hours afield, 47; total party miles, 198 (40 afoot, 158 by car, incidental to trips afoot). Black Duck, 1; Am. Merganser, 6; Red-tailed Hawk, 2; Red-shouldered Hawk, 1; Rough-legged Hawk, 9; Marsh Hawk, 3; Sparrow Hawk, 2; Ruffed Grouse, 9; Pheasant, 37; Herring Gull, 4; Great Horned Owl, 2; Flicker, 2 (in distinctly separate localities, 1 by B. D. Miller, Moore and Stone, the other by Freese, Kelly and Oleson); Hairy Woodpecker, 15; Downy Woodpecker, 47; Blue Jay, 110; Crow, 1133; Black-capped Chickadee, 240; White-breasted Nuthatch, 42; Red-breasted Nuthatch, 1; Brown Creeper, 3; Bluebird, 2 (first found by call notes, then seen at close range by Havens and P. S. Miller); Golden-crowned Kinglet, 4; Northern Shrike, 2; Starling, 559; English Sparrow, 547; Meadowlark, 2; Redpoll, 188; Pine Siskin, 6; Goldfinch, 94; Slate-colored Junco, 69; Tree Sparrow, 748; Song Sparrow, 15; Snow Bunting, 30. **Total,** 33 species; 3935 individuals.—Mr. and Mrs. George H. Bainbridge, Pauline Baker, Guy Bartlett, Edna Becker, Dorothy Caldwell, Edna Droms, Frank Freese, Esly Hallenbeck, Barrington S. Havens, Idella M. Heacox, Alice Holmes, John Kelly, B. D. Miller, P. Schuyler Miller, Mrs. C. N. Moore, Harry Oleson, Vincent J. Schaefer, Dr. M. B. Scotland, Mr. and Mrs. W. R. Steele, Rudolph Stone, Nelle VanVorst, John Voght, and Chester N. Moore (Schenectady Bird Club).

Staten Island, N. Y. (most of the undeveloped parts of the island).—Dec. 27; 7.30 a.m. to 5 p.m. Partly cloudy; ground bare; wind variable, northwest; temp. 38° at start, 42° at return. Observers in 6 parties. Total hours, 29; total miles afoot, 21; total miles by car, 40. Common Loon, 1; Mallard, 2; Black Duck, 300 (est.); Green-winged Teal, 4; Greater Scaup, 4000 (est.); Am. Golden-eye, 67; Buffle-head, 18; Old-squaw, 11; Hooded Merganser, 2; Am. Merganser, 1; Cooper's Hawk, 3; Red-tailed Hawk, 2; Sparrow Hawk, 2; Pheasant, 13; Killdeer, 6; Black-backed Gull, 7; Herring Gull, 1000 (est.); Ring-billed Gull, 3; Bonaparte's Gull, 825 (est.); Barn Owl, 3; Belted Kingfisher, 1; Downy Woodpecker, 7; Horned Lark, 10; Blue Jay, 27; Crow, 350 (est.); Black-capped Chickadee, 53; White-breasted Nuthatch, 2; Am. Pipit, 1; Starling, 700 (est.); Myrtle Warbler, 1; English Sparrow, 72; Meadowlark, 4; Red-wing, 1; Bronzed Grackle, 2; Cowbird, 2; Cardinal, 4; Pine Siskin, 3; Goldfinch, 120 (est.); Slate-colored Junco, 54; Tree Sparrow, 127; Chipping Sparrow, 1; Field Sparrow, 4; White-throated Sparrow, 15; Fox Sparrow, 3; Swamp Sparrow, 2; Song Sparrow, 34. **Total,** 46 species; approximately 7870 individuals.—Carlton Beil, Joseph Cadbury, L. A. Ellison, George H. Hallett, Jr., Charles Pearson, Jr., Carol Stryker.

Watertown, N. Y. (6 miles of Black River banks and an unoccupied island in the river, 2 feeding stations, 2 wooded swamps, 2 cemeteries, 2 farms, city park, city dump, 5 small woods 3 to 10 acres).—Dec. 26; 8 a.m. to 5 p.m. Cloudy; ground snow-covered; snowstorm in afternoon; northwest wind; temp. 20° to 28°. Twenty observers afoot, 12 working singly, 8 in pairs. Total hours, 23; total miles, 25. Great Blue Heron, 1; Am. Golden-eye, 10; Sharp-shinned Hawk, 1; Rough-legged Hawk, 1; Ruffed Grouse, 2; Pheasant, 3; Herring Gull, 183; Rock Dove, 66; Great Horned Owl, 1; Hairy Woodpecker, 5; Downy Woodpecker, 4; Blue Jay, 4; Crow, 1; Black-capped Chickadee, 16; White-breasted Nuthatch, 8; Red-breasted Nuthatch, 1; Robin, 1 (Massey, Elitharp); Starling, 546; English Sparrow, 279;

Goldfinch, 15; Tree Sparrow, 20; Snow Bunting, 10. **Total,** 22 species; 1178 individuals.—FAITH COMMON, ED GRANT, ADALAIDE GREENE, HAROLD EVANS, AGNES HICKEY, P. B. HUDSON, WILLIAM SCHUSTER, ORA SEVERANCE, DR. SIMPSON, MRS. RICHARD TAYLOR, MRS. FRANK WALTON, ROBERT WELLS, working separately. CAROLYN AMOS and PRISCILLA PERKINS, MARIE ELITHARP and CLARA MASSEY, RICHARD PRIEST and CECIL WELTY, MAY LEWIS and MINNA COMMON working in pairs.

Bernardsville, N. J. (west to Ravine Lake, south to Somerville, east to Plainfield, north to Meyersville).—Dec. 21; 6 A.M. to 12.30 P.M. and 2 to 5 P.M. Clear; light wind; temp. 9° at start, 24° on return. Observers together. Total miles by car, 95 (all within 15-mile diameter); by foot, 5½. Red-tailed Hawk, 2; Red-shouldered Hawk, 1; Sparrow Hawk, 2; Ruffed Grouse, 1; Mourning Dove, 1; Great Horned Owl, 4; Flicker, 2; Hairy Woodpecker, 2; Downy Woodpecker, 5; Northern Horned Lark, 8; Blue Jay, 15; Crow, 175; Black-capped Chickadee, 45; Tufted Titmouse, 3; White-breasted Nuthatch, 3; Brown Creeper, 1; Robin, 1; Bluebird, 4; Golden-crowned Kinglet, 1; Starling, 325; Myrtle Warbler, 1; English Sparrow, 55; Cardinal, 4; Purple Finch, 12; Goldfinch, 3; Slate-colored Junco, 125; Tree Sparrow, 175; White-throated Sparrow, 3; Song Sparrow, 2. **Total,** 29 species; 981 individuals.—CYNTHIA KUSER HERBST, DRYDEN KUSER.

Boonton, N. J. (an area not exceeding a 15-mile diameter, including townships of Caldwell, Montville, Rockaway, Pequannock, Boonton and Hanover).—Dec. 28; 5 A.M. to 5 P.M. Overcast; visibility fair; reservoirs and lakes low and free of ice; rivers and streams full; ground very wet in low places; moderate breeze, prevailing northwest; humidity 58%–72%; temp. 32° to 38°. Fifteen observers in 7 parties. Total party hours, 64 (27 on foot, 24 by car, 13 by boat); total party miles, 217 (37 on foot, 165 by car, 15 by boat). Horned Grebe, 6; Pied-billed Grebe, 1 (F.W.); Canada Goose, 1; Mallard, 67; Common and Red-legged Black Duck, 2500 (est.); Baldpate, 120; Pintail, 18; Shoveller, 1; Wood Duck, 1; Ring-necked Duck, 77; Scaup, 35; Golden-eye, 15; Buffle-head, 12; Ruddy Duck, 1; Hooded Merganser, 5; Am. Merganser, 175; Sharp-shinned Hawk, 3; Cooper's Hawk, 2; Red-tailed Hawk, 10; Red-shouldered Hawk, 5; Rough-legged Hawk, 3; Bald Eagle, 2 (1 ad., 1 imm.); Marsh Hawk, 5; Duck Hawk, 1; Sparrow Hawk, 5; Grouse, 2; Pheasant, 2; Herring Gull, 52; Ring-billed Gull, 1 (C.W. and R.W.); Mourning Dove, 35; Screech Owl, 4; Great Horned Owl, 1; Snowy Owl, 1; Saw-whet Owl, 1; Kingfisher, 1; Flicker, 5; Red-headed Woodpecker, 2; Hairy Woodpecker, 27; Downy Woodpecker, 17; Blue Jay, 252; Crow, 4000 (est.); Black-capped Chickadee, 343; Tufted Titmouse, 48; White-breasted Nuthatch, 87; Red-breasted Nuthatch, 2; Brown Creeper, 18; Winter Wren, 2; Robin, 2; Bluebird, 7; Golden-crowned Kinglet, 6; Cedar Waxwing, 2; Starling, 1228; Myrtle Warbler, 1; English Sparrow, 191; Meadowlark, 24; Red-wing, 9; Rusty Blackbird, 220; Grackle, 21; Cardinal, 14; Purple Finch, 1; Goldfinch, 59; Junco, 469; Tree Sparrow, 1023; Chipping Sparrow, 1 (T.O.C.); Field Sparrow, 1; White-throated Sparrow, 5; Swamp Sparrow, 2; Song Sparrow, 52. **Total,** 69 species and subspecies; approximately 11,310 individuals. Also Mute Swan, 1.—C. D. BROWN, T. O. CARLSON, A. E. EYNON, L. C. FINK, R. GOSSINGTON, E. B. LANG, R. MURRAY, A. S. PETERSON, H. W. STAMER, E. I. STEARNS, H. M. VAN DEUSEN, W. U. WESTCOTT, R. WESTER, C. F. WRIGHT, F. P. WOLFARTH (members and guests Urner Ornithological Club).

Cape May, N. J. (15-mile circle, from Cape May Point to Cape May Court House vicinity, ocean to bay).—Dec. 21; 7.30 A.M. to 4.30 P.M. Clear all day; strong northwest wind; temp. 20° at start, 35° at return. Thirty-four observers working in 10 parties. Total party hours, 77½ (40 afoot, 37½ by car); total party miles, 169 (45 afoot, 124 by car). Common Loon, 11; Red-throated Loon, 19; Horned Grebe, 11; Double-crested Cormorant, 9; Great Blue Heron, 48; Little Blue Heron, 5 (observed by several people on both 20th and 21st, in immature plumage); Black-crowned Night Heron, 10; American Bittern, 1; Brant, 15; Mallard, 1; Black Duck, 1145; Pintail, 1; Green-winged Teal, 10; Blue-winged Teal, 1; Canvas-back, 1; Scaup, 9; Am. Golden-eye, 32; Buffle-head, 48; Old-squaw, 232; Am. Eider, 1 (this and the following observed by Linton and Coman through high-power telescope within 100 yards over long period; both birds adult ♂'s); King Eider, 1; White-winged Scoter, 30; Surf Scoter, 10; Am. Scoter, 2; Am. Merganser, 1; Red-breasted Merganser, 48; Turkey Vulture, 125; Goshawk, 1; Sharp-shinned Hawk, 10; Cooper's Hawk, 12; Red-tailed Hawk, 9; Red-shouldered Hawk, 4; Rough-legged Hawk, 2; Bald Eagle, 9; Marsh Hawk, 32; Duck Hawk, 2; Sparrow Hawk, 13; Ruffed Grouse, 1; Bob-white, 8; Pheasant, 1; Piping Plover, 1 [no details–ED.]; Semipalmated Plover, 6; Killdeer, 167; Black-bellied Plover, 12; Woodcock, 2; Wilson's Snipe, 2; Greater Yellow-legs, 6; Lesser Yellow-legs, 1; Purple Sandpiper, 30; Least Sandpiper, 3; Red-backed Sandpiper, 181; Semipalmated Sandpiper, 11; Western Sandpiper, 25; Sanderling, 169; Great Black-backed Gull, 16; Herring Gull, 4575; Ring-billed Gull, 83; Bonaparte's Gull, 26; Mourning Dove, 74; Screech Owl, 1; Great Horned Owl, 2; Short-eared Owl, 1; Kingfisher, 4; Flicker, 18; Red-headed Woodpecker, 5; Hairy Woodpecker, 6; Downy Woodpecker, 27; Northern Horned Lark, 96; Tree Swallow, 555; Blue Jay, 1; Crow, 1616; Fish Crow, 4; Carolina Chickadee, 125; Tufted Titmouse, 23; White-breasted Nuthatch, 1; Red-breasted Nuthatch, 17; Brown Creeper, 1; Winter Wren, 3; Carolina Wren, 5; Long-billed Marsh Wren, 2; Catbird, 9; Brown Thrasher, 2; Robin, 495; Hermit Thrush, 55; Bluebird, 54; Golden-crowned Kinglet, 33; Am. Pipit, 60; Cedar Waxwing, 6; Starling, 2475; Myrtle Warbler, 5200; Western Palm Warbler, 2; English Sparrow, 330; Meadowlark, 337; Red-wing, 5235; Rusty Blackbird, 42; Purple Grackle, 9635; Cowbird, 480; Cardinal, 59; Purple Finch, 4; Pine Siskin, 31; Goldfinch, 441; Towhee, 47; Ipswich Sparrow, 3; Savannah Sparrow, 14; Sharp-tailed Sparrow, 15; Vesper Sparrow, 4; Junco, 373; Tree Sparrow, 87;

Chipping Sparrow, 2; Field Sparrow, 48; White-throated Sparrow, 473; Fox Sparrow, 92; Swamp Sparrow, 57; Song Sparrow, 170; Snow Bunting, 3. **Total,** 115 species; 36,208 individuals.—James Whitaker, Richard Miller, Edward Reimann, Lawrence Corn, Joseph Jacobs, Quintin Kramer, Ernest Choate, Steve Daly, Courtland White, Edward Wehl, Raymond Jones, Chandler Ross, William Grant, Robert Haines, Phillip Walton, E. P. Ward, James Wright, 3d, Edward Manners, Fletcher Street, Edward Wildman, Jr., Fred Schmid, John Arnett, Jr., A. Stokes, D. Stokes, Julian Potter, Edward Marshall, Wayne Marshall, David Marshall, D. R. Coman, Albert Linton, Norman McDonald, W. H. Fricke, Dale Twining, Phillip Livingston (Delaware Valley Ornithological Club).

Essex County, N. J. (between the upper Passaic River and Newark Bay, as in former years, 15-mile circle, center in Orange).—Dec. 21; 5.30 a.m. to 5 p.m. Clear; no snow; light north-northwest wind; temp. 9° at start, 28° at return. Twenty-nine observers in 10 parties. Total party hours, 68 (56 afoot, 12 by car); total party miles, 221 (87 afoot, 134 by car). Black-crowned Night Heron, 1; Mallard, 65; Red-legged and Common Black Duck, 829; Ring-necked Duck, 1; Scaup, 20; Golden-eye, 15; Am. Merganser, 36; Sharp-shinned Hawk, 4; Cooper's Hawk, 1; Red-tailed Hawk, 10; Red-shouldered Hawk, 2; Rough-legged Hawk, 1; Bald Eagle, 1 (Chalif); Marsh Hawk, 4; Sparrow Hawk, 9; Pheasant, 18; Killdeer, 8; Great Black-backed Gull, 1; Herring Gull, 1415; Ring-billed Gull, 12; Bonaparte's Gull, 2; Screech Owl, 3; Great Horned Owl, 8; Barred Owl, 2; Long-eared Owl, 1; Short-eared Owl, 11; Kingfisher, 1; Flicker, 2; Yellow-bellied Sapsucker, 2; Hairy Woodpecker, 15; Downy Woodpecker, 52; Horned Lark, 66; Blue Jay, 169; Crow, 186; Black-capped Chickadee, 546; Tufted Titmouse, 59; White-breasted Nuthatch, 65; Red-breasted Nuthatch, 2; Brown Creeper, 25; Winter Wren, 1; Robin, 7; Hermit Thrush, 1; Bluebird, 4; Golden-crowned Kinglet, 19; Starling, 1729; English Sparrow, 515; Meadowlark, 9; Red-wing, 46; Rusty Blackbird, 1; Bronzed and Purple Grackle, 91 (both identified at 25 feet, Fables); Cowbird, 37; Cardinal, 23; Purple Finch, 1; Goldfinch, 58; Savannah Sparrow, 4; Junco, 620; Tree Sparrow, 1070; Chipping Sparrow, 1 (Peterson); Field Sparrow, 9; White-throated Sparrow, 90; Fox Sparrow, 8; Swamp Sparrow, 5; Song Sparrow, 136; Lapland Longspur, 1; Snow Bunting, 8. **Total,** 67 species and subspecies; 8164 individuals.—Libero Ajello, Mrs. A. S. Belcher, Clarence D. Brown, Edward L. Chalif, Dr. and Mrs. H. V. Coes, Mrs. Henry L. Davis, Mrs. A. F. Dillman, Alfred E. Eynon, David Fables, Bess Haring, Suzanne Haupt, Edward B. Lang, Mr. and Mrs. J. W. Morrison, Richard Murray, Mr. and Mrs. S. W. Peloubet, Arthur S. Peterson, Emma W. Probasco, William F. Rapp, Jr., Gerbert Redell, Mrs. B. S. Rodey, Daniel Schaeffer, Herb Stamer, Nila Stickney, Hobart Van Deusen, Russell Wester, Floyd P. Wolfarth (members Montclair Bird Club and Urner Ornithological Club).

Long Branch, N. J. (Oceanport to Wreck Pond).—Dec. 21; 5.30 a.m. to 5 p.m. Sunshine all day; no snow; larger ponds at least partly open, small ponds closed, marshes frozen; strong northwest wind; temp. 15° at start, 25° at return. Nine observers in 4 parties. Total hours afield, 32 (22 by car, 10 on foot); total party miles, 160 (140 by car, 20 on foot). Common Loon, 3; Great Blue Heron, 9; Canada Goose, 1; Mallard, 23; Black Duck, 260; European Widgeon, 1; Baldpate, 140; Redhead, 6; Ring-necked Duck, 4; Canvas-back, 2; Greater Scaup, 100; Lesser Scaup, 30; Golden-eye, 76; Buffle-head, 13; Old-squaw, 1; Am. Scoter, 60; Ruddy Duck, 7; Hooded Merganser, 3; Am. Merganser, 1; Red-breasted Merganser, 20; Cooper's Hawk, 2; Red-tailed Hawk, 3; Rough-legged Hawk, 1; Marsh Hawk, 1; Sparrow Hawk, 8; Bob-white, 1; Pheasant, 2; Coot, 96; Killdeer, 5; Great Black-backed Gull, 64; Herring Gull, 900; Ring-billed Gull, 3; Bonaparte's Gull, 1000; Mourning Dove, 20; Flicker, 2; Hairy Woodpecker, 4; Downy Woodpecker, 15; Blue Jay, 11; Crow, 185; Carolina Chickadee, 32; Tufted Titmouse, 13; White-breasted Nuthatch, 16; Red-breasted Nuthatch, 2; Brown Creeper, 8; Winter Wren, 1; Carolina Wren, 2; Robin, 16; Bluebird, 8; Golden-crowned Kinglet, 29; Starling, 1000; Myrtle Warbler, 600; English Sparrow, 140; Meadowlark, 12; Red-wing, 8; Cowbird, 2; Cardinal, 10; Goldfinch, 36; Towhee, 2; Slate-colored Junco, 100; Tree Sparrow, 260; Field Sparrow, 4; White-throated Sparrow, 31; Fox Sparrow, 1; Swamp Sparrow, 8; Song Sparrow, 17. **Total,** 65 species; approximately 5441 individuals. Razor-billed Auk, Dec. 23.—Henry Bennett, Irving H. Black, Mabel G. Black, John Gorham, Marjorie Lee, Addie L. Taylor, George M. Seeley, and Betty Seeley, Robert Woods (Junior Audubon Club).

Princeton, N. J. (within a 7-mile diameter).—Dec. 26; 7.10 a.m. to 6.10 p.m. Mostly cloudy, showers; ground bare, soft; no ice, although there was skating 3 days before; calm or nearly so; temp. around 40°. Five observers in 4 parties. Total hours afield, 28¼ (28¼ afoot + all day at a home feeding station); total party miles, 37 (all afoot). Canada Goose, 75 (flock); Mallard, 105; Black Duck, 21; Baldpate, 42 (flock); Pintail, 2♂; Green-winged Teal, 2; Am. Merganser, 13; Red-tailed Hawk, 1; Red-shouldered Hawk, 1; Marsh Hawk, 1; Sparrow Hawk, 3; Pheasant, 1; Herring Gull, 3; Mourning Dove, 29; Screech Owl, 1; Kingfisher, 3; Flicker, 2; Hairy Woodpecker, 7; Downy Woodpecker, 33; Blue Jay, 30; Crow, 220; Chickadee, 62 (mostly Black-capped, at least 5 Carolina); Tufted Titmouse, 40; White-breasted Nuthatch, 20; Brown Creeper, 15; Winter Wren, 4; Carolina Wren, 1; Hermit Thrush, 2; Golden-crowned Kinglet, 14; Starling, 265; Myrtle Warbler, 32; English Sparrow, 300 (est.); Red-wing, 1; Grackle, 501 (1 alone and flock est.); Cardinal, 38; Purple Finch, 11; Goldfinch, 37; Junco, 192; Tree Sparrow, 293; Field Sparrow, 1; White-throated Sparrow, 29; Song Sparrow, 47. **Total,** 43 species; about 2505 individuals.—D. E. Christie, D. M. Compton, F. W. Loetscher, Jr., C. H. Rogers, A. L. Shinn.

Raritan Estuary, N. J. (7½-mile radius from Bonhamtown, excluding Staten Island).—Dec. 27; 5 A.M. to 5 P.M. Ground mist at start; clear later; no wind at start, then northwest, gradually increasing to 20–25 m.p.h.; temp. 36° at start, 43° at 2 P.M., 38° at finish. Four observers in 1 party of 2 and 2 parties of 1. Total party hours, 36; party mileage on foot, 28. (Number of observers only half that of previous years, and much of area no longer accessible because of military reservation.) Horned Grebe, 3; Black Duck (both forms), 244; Greater Scaup, 180; Lesser Scaup, 6; Golden-eye, 39; Buffle-head, 1; Old-squaw, 18; Am. Merganser, 3; Sharp-shinned Hawk, 4; Cooper's Hawk, 3; Red-tailed Hawk, 4; Red-shouldered Hawk, 5; Rough-legged Hawk, 2; Marsh Hawk, 2; Sparrow Hawk, 7; Pheasant, 10; Killdeer, 1; Woodcock, 1; Herring Gull, 62; Kittiwake, 1 (Cant); Rock Dove, 11; Mourning Dove, 3; Screech Owl, 1; Flicker, 4; Hairy Woodpecker, 3; Downy Woodpecker, 13; Northern Horned Lark, 63; Prairie Horned Lark, 3 (Hunn); Blue Jay, 35; Eastern Crow, 623 (daytime), 2000 (est. in roost); Fish Crow, 3; Black-capped Chickadee, 101; Carolina Chickadee, 1; Titmouse, 28; White-breasted Nuthatch, 10; Winter Wren, 1; Robin, 1; Hermit Thrush, 1; Bluebird, 14; Golden-crowned Kinglet, 2; Starling, 1550 (daytime); Myrtle Warbler, 96; English Sparrow, 116; Red-wing, 221 (daytime); Rusty Blackbird, 100 (daytime); Bronzed Grackle, 30 (daytime); Grackle (subsp.?), 20; Cowbird, 400 (daytime); Cardinal, 22; Purple Finch, 3; Goldfinch, 49; Slate-colored Junco, 207; Tree Sparrow, 178; White-throated Sparrow, 15; Fox Sparrow, 1; Swamp Sparrow, 4; Song Sparrow, 58. **Total,** 59 species and subspecies; 6587 individuals (daytime), plus 250,000 Starlings and Icterids in roost. Observation of roost now more difficult than formerly, but estimated total appeared to be composed, as in previous years, of approximately 50% Red-wings, 25% Starlings, 20% Grackles (Purple and Bronzed), 5% Cowbirds, with a scattering of Rusty Blackbirds.—GILBERT CANT, WILLIAM FISH, JOHN T. S. HUNN, EDWIN I. STEARNS (members Urner Ornithological Club).

Ridgewood, N. J. (feeding stations, fields, woods, streams, lakes from Norwood Swamp to Franklin Lake).—Dec. 22; 8.30 A.M. to 5 P.M. Clear at start; partly cloudy later; temp. 12° at start, 32° at return. Twenty observers in 7 parties. Total hours afield, 46; total party miles, 166½ (23½ on foot, 143 by car). Mallard, 43; Black Duck, 249; Green-winged Teal, 50; Wood Duck, 1; Am. Merganser, 31; Sharp-shinned Hawk, 1; Cooper's Hawk, 1; Red-tailed Hawk, 1; Red-shouldered Hawk, 3; Pheasant, 1; Herring Gull, 26; Great Horned Owl, 2; Long-eared Owl, 1; Belted Kingfisher, 1; Flicker, 3; Hairy Woodpecker, 8; Downy Woodpecker, 38; Blue Jay, 148; Crow, 17; Black-capped Chickadee, 347; Tufted Titmouse, 48; White-breasted Nuthatch, 51; Red-breasted Nuthatch, 3; Brown Creeper, 4; Winter Wren, 1; Robin, 2; Hermit Thrush, 2; Bluebird, 57; Golden-crowned Kinglet, 4; Ruby-crowned Kinglet, 2; Starling, 279; Myrtle Warbler, 24; English Sparrow, 233; Grackle, 1; Cardinal, 11; Purple Finch, 52; Pine Grosbeak, 2 (watched for some time at a range of 10 feet in Ramsey—Urban, Dater); Goldfinch, 131; Slate-colored Junco, 291; Tree Sparrow, 557; Field Sparrow, 25; White-throated Sparrow, 72; Fox Sparrow, 12; Swamp Sparrow, 2; Song Sparrow, 93. **Total,** 45 species; 2931 individuals. Reported on Dec. 21; Baldpate, Scaup (sp.?), Hooded Merganser, Bob-white, Ring-billed Gull, Coot.—MRS. H. A. LAMPE, MRS. G. W. FLORANCE, MRS. A. W. WALTER, MRS. R. H. BAKER, MRS. I. J. ADAMS, MRS. F. G. DUNHAM, MRS. J. VAN SAUN, MRS. E. C. SHERWOOD, MRS. H. E. ROWLANDS, MRS. J. Y. DATER, JR., MRS. I. URBAN, MRS. H. W. CANNON, MRS. F. FEIBEL, MRS. L. B. PARSONS, MRS. C. A. BURT, MRS. F. J. MCKENNA, R. EVANS, MR. and MRS. C. K. NICHOLS (Ridgewood Audubon Soc.).

Sparta, N. J. (Lake Mohawk, Beaver Lake and Berkshire Valley).—Dec. 21; 5 A.M. to 4.30 P.M. Clear; northwest wind; max. temp. 24°; lakes partially frozen. Four observers in 1 party. Total miles, 38 (30 by car, 8 on foot). Golden-eye, 1; Am. Merganser, 104; Turkey Vulture, 1; Sparrow Hawk, 1; Herring Gull, 5; Great Horned Owl, 2; Flicker, 1; Downy Woodpecker, 6; Blue Jay, 6; Crow, 4; Black-capped Chickadee, 45; White-breasted Nuthatch, 8; Brown Creeper, 2; Robin, 1; Golden-crowned Kinglet, 3; Starling, 7; English Sparrow, 11; Redpoll, 25; Pine Siskin, 76; Goldfinch, 10; Slate-colored Junco, 150; Tree Sparrow, 5; Song Sparrow, 1. **Total,** 23 species; approximately 475 individuals.—B. C. HIATT, M. S. HIATT, R. J. and E. KARNS.

Wanaque, N. J. (west and north shores of Wanaque Reservoir, with side trips to Ringwood and to Lakes Cupsaw and Erskine, wooded hills).—Dec. 27; 8.30 A.M. to 2.30 P.M. Thick fog to sunshine to cloudy; ground bare, a little ice on small lakes; calm to brisk north wind; temp. 37° at start, 40° at return. Two observers together. Total hours afield, 6, nearly all by car on 'drive slowly and listen system,' leaving car wherever anything of interest appeared; total miles, 17 (by car about 16, afoot about 1). Mallard, 23; Black Duck, 150; Am. Merganser, 50; Red-tailed Hawk, 1; Bald Eagle, 3; Herring Gull, 7; Downy Woodpecker (heard); Blue Jay, 14; Crow, 115; Black-capped Chickadee, 20; Tufted Titmouse, 2; White-breasted Nuthatch, 5; Brown Creeper, 2; Golden-crowned Kinglet, 4; Starling, 40; Goldfinch, 1; Slate-colored Junco, 31; Tree Sparrow, 2. **Total,** 18 species; about 470 individuals.—THEODORE BRIGDEN, RAYMOND F. HAULENBEEK.

Bedford County, Pa. (Alum Bank to Osterburg; maple-oak-hickory-scrub-pine woods, old fields, thickets, etc.).—Dec. 24; 7.30 A.M. to 4 P.M. Partly cloudy; light rain occasionally; ground bare; wind light, northwest; temp. 28° at start, 36° at return. About 20 miles by car, about 10 miles on foot; total hours afoot, 6½. Observers together. Marsh Hawk, 2; Sparrow Hawk, 2; Ruffed Grouse, 1; Mourning Dove, 1; Belted Kingfisher, 1; Flicker, 3; Red-headed Woodpecker, 1; Hairy Woodpecker, 2; Downy Woodpecker, 5; Blue Jay, 31; Crow, 70; Chickadee, 32; Tufted Titmouse, 14; White-breasted Nuthatch, 10; Brown Creeper, 2; Golden-crowned Kinglet, 9;

Starling, 83; English Sparrow, 45; Cardinal, 2; Junco, 13; Tree Sparrow, 180; Song Sparrow, 7. **Total,** 22 species; 516 individuals.—DAVID and RALPH BERKHEIMER.

Deer Creek (Allegheny Co.), Pa. (fields and woods from Denny's Pond to R. R. and both sides of creek to Carson's, carefully covered by 10 observers on foot; some back roads in surrounding territory covered by cars).—Dec. 28; 7.30 A.M. to 2.30 P.M. Cloudy, occasional snow; ground bare; wind west, light to moderate; temp. 30° at start, 35° at return. Twelve observers in 3 parties. Total hours afield, 19 (13 on foot, 6 by car); total party miles, 36 (12 on foot, 24 by car). Sparrow Hawk, 1; Ruffed Grouse, 2; Bob-white, 5; Pheasant, 10; Rock Dove, 6; Mourning Dove, 2; Hairy Woodpecker, 4; Downy Woodpecker, 32; Prairie Horned Lark, 8; Black-capped Chickadee, 36; Tufted Titmouse, 35; White-breasted Nuthatch, 24; Brown Creeper, 6; Winter Wren, 2; Carolina Wren, 1; Golden-crowned Kinglet, 8; Starling, 62; English Sparrow, 31; Cardinal, 51; Goldfinch, 89; Slate-colored Junco, 86; Tree Sparrow, 86; Song Sparrow, 29. **Total,** 23 species; 616 individuals.—H. B. STERE, H. H. HARRISON, T. RODGERS, R. CHORBA, J. DEVINE, P. T. STROUP, C. S. TAYLOR, R. G. RUSSELL, LARUE PATTERSON, MATILDA LIMPERT, C. R. MANLEY, JR., C. H. MANLEY.

Elverson, Pa. (territory as described for 1940 census).—Dec. 21; 7.30 A.M. to 5.30 P.M. Clear; bitterly cold wind blowing from west; temp. 14° at start, 26° at return. Seven observers in 2 parties. Total hours afield, 19 (15 on foot, 4 by car); total party miles, 107 (17 on foot, 90 by car). Am. Merganser, 1; Sharp-shinned Hawk, 1; Red-tailed Hawk, 1; Rough-legged Hawk, 1; Marsh Hawk, 1; Sparrow Hawk, 2; Ruffed Grouse, 2; Pheasant, 7; Killdeer, 2; Rock Dove, 86; Mourning Dove, 5; Screech Owl, 1; Great Horned Owl, 1; Barred Owl, 1; Kingfisher, 1; Flicker, 4; Hairy Woodpecker, 10; Downy Woodpecker, 34; Northern Horned Lark, 125; Prairie Horned Lark, 1 (Conway, Crawford); Blue Jay, 38; Crow, 1685; Black-capped Chickadee, 122; Tufted Titmouse, 40; White-breasted Nuthatch, 42; Red-breasted Nuthatch, 2; Brown Creeper, 8; Winter Wren, 1; Carolina Wren, 2; Robin, 2; Bluebird, 21; Golden-crowned Kinglet, 5; Cedar Waxwing, 20; Starling, 610; English Sparrow, 310; Cardinal, 34; Purple Finch, 7; Goldfinch, 236; Towhee, 1; Junco, 408; Tree Sparrow, 340; White-throated Sparrow, 6; Fox Sparrow, 5 (Sigman); Song Sparrow, 39. **Total,** 44 species; 4271 individuals.—ARTHUR SIGMAN, FERNLEY MURRAY, WARREN HOUCK, JACK KRUPPENBACK, ROGER WHITWORTH, ALAN CRAWFORD, ALBERT CONWAY.

Glenolden, Pa. (to Tinicum, Media, Swarthmore, Springton Dam and vicinity).—Det. 21; 7.45 A.M. to 4 P.M. Clear and cold; temp. 24° at start, 30° on return; wind north; ground bare. Eight observers in 5 groups. Total hours afield, 22¾ (12½ afoot and 10¼ by car); total party miles, 79 (14 afoot and 65 by car). Common Loon, 1; Pied-billed Grebe, 1 (A. and V. Debes); Black-crowned Night Heron, 1 (J. and J. A. Gillespie); Mallard, 57; Black Duck, 750 (est.); Red-legged Black Duck, 14; Baldpate, 13; Pintail, 100 (est.); Ring-necked Duck, 5; Buffle-head, 1 (T. and J. Rigby); Ruddy Duck, 3; Hooded Merganser, 12; Am. Merganser, 52; Turkey Vulture, 3; Cooper's Hawk, 1; Red-tailed Hawk, 4; Red-shouldered Hawk, 2; Marsh Hawk, 2; Sparrow Hawk, 2; Pheasant, 5; Killdeer, 19; Herring Gull, 6; Rock Dove, 33; Mourning Dove, 3; Belted Kingfisher, 4; Flicker, 1; Hairy Woodpecker, 3; Downy Woodpecker, 8; Phoebe, 1 (seen by A. and V. Debes at close range to good advantage); Blue Jay, 11; Crow, 340 (est.); Black-capped Chickadee, 133 (very numerous this winter); Carolina Chickadee, 4; Tufted Titmouse, 20; White-breasted Nuthatch, 10; Red-breasted Nuthatch, 4; Brown Creeper, 2; Winter Wren, 2; Carolina Wren, 3; Hermit Thrush, 1 (A. and V. Debes); Bluebird, 15; Golden-crowned Kinglet, 6; Starling, 1180 (est.); English Sparrow, 170 (est.); Meadowlark, 10; Red-wing, 10; Purple Grackle, 100 (est.); Cowbird, 12; Cardinal, 28; Purple Finch, 6; Goldfinch, 27; Red-eyed Towhee, 1 (A. and V. Debes); Slate-colored Junco, 265; Tree Sparrow, 157; Field Sparrow, 13; White-throated Sparrow, 41; Fox Sparrow, 1; Song Sparrow, 28. **Total,** 58 species; approximately 3707 individuals.—ROBERT B. BURKE, ANNA and VICTOR A. DEBES, MABEL, JOHN and JOHN A. GILLESPIE, JAMES and TED RIGBY.

Harrisburg, Pa. (and vicinity, Marsh Run, Pine Hill Arboretum, Wildwood Park, Susquehanna River—same territory as last 5 years—marshes, swamps, old fields, creek valleys, farmland, woods and lake, not exceeding 15-mile diameter).—Dec. 22; 7.30 A.M. to 5.15 P.M. Partly cloudy; light easterly wind; ground bare; relatively little open water, lake frozen over; temp. 17° at start, 30° at return. Four observers in 3 parties. Total hours afield, 18½ (16 on foot, 2½ by car); total party miles, 77 (8 on foot, 69 by car). Common Loon, 1; Mallard, 157; Common and Red-legged Black Duck, 180; Pintail, 5; Am. Golden-eye, 17; Am. Merganser, 3; Red-tailed Hawk, 2; Red-shouldered Hawk, 1; Rough-legged Hawk, 1 (black phase, apparently same bird as last 3 years); Sparrow Hawk, 2; Pheasant, 64; Rock Dove, 30; Flicker, 3; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 2; Downy Woodpecker, 13; Blue Jay, 6; Crow, 65,000 (careful est., incredible flocks flying to roost); Chickadee, 74; Tufted Titmouse, 12; White-breasted Nuthatch, 11; Brown Creeper, 14; Winter Wren, 1; Hermit Thrush, 2; Starling, 450+; English Sparrow, 250+; Cardinal, 52; Purple Finch, 7; Goldfinch, 16; Junco, 90; Tree Sparrow, 95; White-throated Sparrow, 18; Fox Sparrow, 2; Song Sparrow, 40. **Total,** 35 species; approximately 66,622 individuals.—JOHN KOB, WALTER KOHLER, WILLIAM RHEIN, EDWARD FREY.

Lancaster, Pa. (Hammer Creek valley, White Oak Pond, Slackwater, pine and larch wood near Martic Forge).—Dec. 28; 8 A.M. to 4.30 P.M. Cloudy in A.M., rain and snow in P.M.; no wind; 36° at start, 38° at return. Sixteen observers in 3 parties by car and on foot. Total party hours, 18; total party miles, 76 (54 miles by car, 22 miles on foot). Black Duck, 4; Golden-eye, 4; Am. Merganser, 10; Turkey Vulture, 27; Red-tailed

Hawk, 2; Red-shouldered Hawk, 1; Sparrow Hawk, 1; Pheasant, 41; Herring Gull, 1; Mourning Dove, 12; Barn Owl, 2; Screech Owl, 1; Belted Kingfisher, 3; Flicker, 1; Red-headed Woodpecker, 1; Hairy Woodpecker, 1; Downy Woodpecker, 37; Phoebe, 1; Blue Jay, 11; Crow, 172; Black-capped Chickadee, 178; Tufted Titmouse, 5; White-breasted Nuthatch, 11; Brown Creeper, 4; Winter Wren, 3; Carolina Wren, 4; Bluebird, 4; Golden-crowned Kinglet, 25; Starling, 895; English Sparrow, 205; Red-wing, 5; Goldfinch, 128; Slate-colored Junco, 330; Tree Sparrow, 370; White-throated Sparrow, 1; Song Sparrow, 69. **Total,** 36 species; 2570 individuals.—Mrs. C. Y. Tanger, Ruth Sener, Mrs. Wm. Myers, Carl Fasnacht, Barton Sharp, Paul Forman, Eugene Forman, Donald Garner, John H. Moyer, Fred Gochenaur, Daniel Light, Paul Good, Charles Regennas, Robert Snyder, Robert Rosenberg, Menno Rohrer (Lancaster County Bird Club).

Palmerton, Pa. (fields and woods and around homes in vicinity of Palmerton, by road 7½ miles east of Palmerton and return by different route, by road 7 miles west of Palmerton and return).—Dec. 21; 7.15 to 8.45 A.M., 10.30 A.M. to 1.15 P.M., 2 to 4.30 P.M. Clear; ground bare; still at start, changing to light north wind in afternoon; temp. 12° at start, 25° at return. Twelve observers in 3 parties. Total hours afield, 6¾; total miles afield, 27 (2 on foot, 25 by car). Hairy Woodpecker, 1; Downy Woodpecker, 3; Blue Jay, 1; Crow, 8; Black-capped Chickadee, 36; White-breasted Nuthatch, 10; Mockingbird, 1 (seen near feeding station where it has been present since Oct. 8—Cyr); Golden-crowned Kinglet, 3; Starling, 8; English Sparrow, 87; Cardinal, 2 (near feeding station); Slate-colored Junco, 154 (est., flock); Tree Sparrow, 65 (est., flock). **Total,** 13 species; approximately 379 individuals.—Boyd Cass, Kermit Craig, Elsie Cyr, Carlos Gertz, Beatrice Gertz, Frank Griffith, Helen Hostetter, Clara Rodda, John Rodda, Nettie Sellers (Palmerton Bird Club).

Penn Manor Region, Pa. (15-mile diametered section of the Delaware watershed, on both sides of the river, Morrisville, Pa., to Beverly, N. J.; marshes, creek valleys, lakes, ponds, fields, woods, evergreen plantation, game refuge).—Dec. 21; 6.30 A.M. to 4.30 P.M. Sunny and cloudless all day; damp northerly wind with 30-mile velocity in morning, moderating in afternoon; temp. 16° at 6.30 A.M., rising to 33° by 3 P.M. Fifteen observers working in 7 parties. Total hours afield, 66 (47½ on foot, 18½ by car); total party miles, 250 (60 on foot, 190 by car). Pied-billed Grebe, 1; Double-crested Cormorant, 1 (seen at 300 feet with 10× glasses on river and flying—Kramer, Newman); Great Blue Heron, 14; Black-crowned Night Heron, 7 (imm.); Mallard, 560; Red-legged and Common Black Duck, 1800 (est.—several of each separated); Baldpate, 3; Pintail, 370; Green-winged Teal, 150; Shoveller, 6; Wood Duck, 2; Redhead, 1; Scaup, 4; Am. Golden-eye, 19; Am. Merganser, 223; Turkey Vulture, 1; Sharp-shinned Hawk, 1; Cooper's Hawk, 1; Red-tailed Hawk, 4; Rough-legged Hawk, 2; Duck Hawk, 1; Sparrow Hawk, 15; Pheasant, 6; Coot, 8; Killdeer, 32; Herring Gull, 41; Ring-billed Gull, 2; Rock Dove, 26; Mourning Dove, 6; Barn Owl, 1; Screech Owl, 1; Kingfisher, 1; Flicker, 19; Yellow-bellied Sapsucker, 1 (Cutler); Hairy Woodpecker, 5; Downy Woodpecker, 38; Northern and Prairie Horned Lark, 105 (40 Northern, 15 Prairie identified); Blue Jay, 18; Crow, 5300+; Black-capped and Carolina Chickadee, 97 (both identified); Tufted Titmouse, 71; White-breasted Nuthatch, 10; Red-breasted Nuthatch, 4; Brown Creeper, 13; Winter Wren, 2; Robin, 2; Bluebird, 4; Golden-crowned Kinglet, 50; Starling, 695; Myrtle Warbler, 3; English Sparrow, 130; Meadowlark, 16; Red-wing, 9; Cowbird, 48; Cardinal, 38; Purple Finch, 2; Goldfinch, 67; Savannah Sparrow, 2; Junco, 730 (est.); Tree Sparrow, 580 (est.); Field Sparrow, 12; White-throated Sparrow, 217; Fox Sparrow, 7; Swamp Sparrow, 2; Song Sparrow, 71. **Total,** 68 species and subspecies; approximately 11,678 individuals.—William Yoder, C. Fremont Elliott, Kitty Fox, Evelyn Kramer, Marge Holstein, Marcella Newman, Robert Newman, Nelson W. Pumyea, Herbert Cutler, David Cutler, Wayne Dittrich, J. Russell Sprow, Millard Lindauer, Harold Sharp, Harry Goldstein.

Philadelphia, Pa. (Pennypack Creek valley, Delaware River to Valley Mills, including Lorimer Park).—Dec. 28; 8 A.M. to 4 P.M. Heavily overcast; slight trace of snow in afternoon; little wind; temp. 35° to 40°. Five observers in 2 groups. Total hours afield, 29; total miles afield, 28 (20 on foot, 8 by car). Mallard, 12; Black Duck, 350 (est.); Teal (Blue-winged), 20 [no details—Ed.]; Golden-eye, 4; Am. Merganser, 12; Cooper's Hawk, 1; Red-tailed Hawk, 1; Marsh Hawk, 1; Sparrow Hawk, 4; Pheasant, 3; Herring Gull, 65; Ring-billed Gull, 22; Kingfisher, 1; Flicker, 1; Hairy Woodpecker, 1; Downy Woodpecker, 16; Blue Jay, 4; Crow, 22; Black-capped Chickadee, 29; Tufted Titmouse, 29; White-breasted Nuthatch, 7; Winter Wren, 4; Golden-crowned Kinglet, 3; Starling, 40; English Sparrow, 45; Cardinal, 21; Goldfinch, 22; Slate-colored Junco, 410; Tree Sparrow, 147; Field Sparrow, 3; White-throated Sparrow, 25; Fox Sparrow, 11; Song Sparrow, 31. **Total,** 32 species; 1367 individuals.—William Yoder, John Blake, George H. Sivel, M. F. Lonigan, J. T. McNeill, Jr.

Reading, Pa. (radius of 7½ miles from city).—Dec. 21; 7.30 A.M. to 4.30 P.M. Clear; trace of snow; wind northwest, brisk to moderate; temp. 18° at start, 32° at return. Sixteen observers in 5 parties, by automobile and afoot. Great Blue Heron, 4; Mallard, 200 (est.); Black Duck, 500 (est.); Red-legged Black Duck, 300 (est.); Baldpate, 30; Pintail, 15; Green-winged Teal, 8; Buffle-head, 2; Hooded Merganser, 2; Am. Merganser, 120; Cooper's Hawk, 4; Red-tailed Hawk, 8; Red-shouldered Hawk, 1; Rough-legged Hawk, 1; Bald Eagle, 1; Marsh Hawk, 5; Sparrow Hawk, 1; Ruffed Grouse, 1; Bob-white, 15; Pheasant, 85; Herring Gull, 1; Rock Dove, 15; Barn Owl, 1; Screech Owl, 1; Kingfisher, 1; Flicker, 5; Hairy Woodpecker, 6; Downy Woodpecker, 37; Horned Lark, 35; Blue Jay, 34; Crow, 1476; Fish Crow, 1;

Black-capped Chickadee, 230; Tufted Titmouse, 15; White-breasted Nuthatch, 22; Red-breasted Nuthatch, 2; Brown Creeper, 11; Winter Wren, 6; Robin, 1; Golden-crowned Kinglet, 11; Cedar Waxwing, 40; Starling, 35,000 (est.); English Sparrow, 163; Meadowlark, 5; Red-wing, 2; Purple Grackle, 5; Cardinal, 44; Goldfinch, 49; Junco, 430; Tree Sparrow, 276; White-throated Sparrow, 25; Swamp Sparrow, 1; Song Sparrow, 44. **Total,** 53 species; approximately 39,298 individuals.—MAX BERGENDAHL, ANNA DEETER, MARY DEETER, STEWART DREIBELBIS, JOHN ESHELMAN, MARTIN ESHELMAN, EDWARD HILL, JAMES HOLZMAN, PAUL JENSEN, ANGELINE KISSINGER, PAUL MARTIN, HAROLD MORRIS, BYRON NUNEMACHER, EARL POOLE, E. MYRTLE SNYDER, RALPH YERGER (members Baird Ornithological Club).

Scranton, Pa. (fields, woodlands, riverbanks and ravines, vicinity of the Susquehanna River).—Dec. 25; 10 A.M. to 4 P.M. Overcast; wind southwest, shifting to northwest; ground bare: temp. 40° at start, 34° at return. Total mileage, 50 by motor, 6–7 on foot. Ruffed Grouse, 1; Pheasant, 1; Mourning Dove, 3; Downy Woodpecker, 1; Blue Jay, 1; Crow, 25; Black-capped Chickadee, 18; White-breasted Nuthatch, 1; Golden-crowned Kinglet, 12; Cedar Waxwing, 9; Starling, 6; English Sparrow, 20; Junco, 2; Tree Sparrow, 20. **Total,** 14 species; 120 individuals. Dec. 28; Sparrow Hawk, 1; Screech Owl, 1; Goldfinch, 80; Song Sparrow, 2. In the area covered by Scranton Bird Club for annual census, a flock of 60 Evening Grosbeaks has been daily visitors at the home of Mr. and Mrs. Eltinge La Bar since Nov. 23.—M. J. KELLEY, WM. O'BRIAN, MR. and MRS. FRANCIS H. COFFIN (members Scranton Bird Club).

State College, Pa. (College Pond downstream to the Rock, then by automobile to Oak Hall Dam and Shingletown Gap).—Dec. 23; 8 A.M. to 4 P.M. Cloudy; light freezing rain in A.M. and early P.M.; temp. 30° at start, 36° at return. Observers in 7 parties. Total miles afoot, 18½; total hours afoot, 16; total miles by auto, 10. Great Blue Heron, 1; Mallard, 45; Black Duck, 1; Pintail, 7; Green-winged Teal, 2; Ruffed Grouse, 7; Killdeer, 4; Belted Kingfisher, 1; Pileated Woodpecker, 3; Red-headed Woodpecker, 2; Downy Woodpecker, 8; Horned Lark, 40; Blue Jay, 6; Crow , 400 (est.); Black-capped Chickadee, 40; Tufted Titmouse, 12; White-breasted Nuthatch, 12; Brown Creeper, 4; Robin, 3; Golden-crowned Kinglet, 16; Cedar Waxwing, 175; Starling, 10; English Sparrow, 50; Cardinal, 4; Slate-colored Junco, 60; Tree Sparrow, 75; Song Sparrow, 6; Lapland Longspur, 3; Snow Bunting, 10. **Total,** 29 species; approximately 1007 individuals.—WARREN W. CURRIER, HASKELL B. CURRY, T. C. BENTON, W. S. CLARKE, RAYMOND L. SMITH, ARTHUR KING, DEAN MOYER, BEN WHITACRE (Centre Co. Bird Club).

Warren, Pa. (same area as covered in 1939 and 1940; from Dougherty Run, 4 miles north of Warren, following the Conewango Creek to Rhine Run, then up and along ridge, across woods and meadows to Jackson Run and North Warren and return to Dougherty Run).—Dec. 27; 8.50 A.M. to 3.50 P.M. Overcast; light snow until 3 P.M.; moderate west to northwest wind; temp. 36° at start, 38° degrees at return. One observer. Total miles afoot, 10; total hours afoot, 7. Sparrow Hawk, 2; Ruffed Grouse, 4; Herring Gull, 2; Hairy Woodpecker, 1; Downy Woodpecker, 2; Black-capped Chickadee, 38; Brown Creeper, 4; Golden-crowned Kinglet, 1; Starling, 140; English Sparrow, 32; Cardinal, 1; Goldfinch, 4; Junco, 8; Tree Sparrow, 42; Song Sparrow, 3. **Total,** 15 species; 284 individuals.—HARRIS E. JOHNSON.

West Chester, Pa. (within 7½-mile radius).—Dec. 26; 7 A.M. to 4.30 P.M. Dark and cloudy, with showers at 9.15 and 10 A.M.; wind southeast; temp. 34° at start, 42° at return. Twenty-five observers in 8 groups. Total hours afield, 54½; riding 48 hours—328.4 miles. Hours afoot, 22½; miles afoot, 32½. Great Blue Heron, 1; Am. Merganser, 47; Mallard, 12; Black Duck, 2; Cooper's Hawk, 1; Red-tailed Hawk, 1; Marsh Hawk, 2; Sparrow Hawk, 10; Pheasant, 14; Killdeer, 1; Rock Dove, 323; Kingfisher, 12; Flicker, 11; Red-bellied Woodpecker, 1; Hairy Woodpecker, 11; Downy Woodpecker, 56; Blue Jay, 22; Crow, 1542; Black-capped Chickadee, 273; Titmouse, 94; White-breasted Nuthatch, 53; Red-breasted Nuthatch, 1; Brown Creeper, 4; Winter Wren, 2; Carolina Wren, 5; Robin, 1; Bluebird, 20; Golden-crowned Kinglet, 11; Yellow-throat, 1; Starling, 2032; English Sparrow, 566; Cardinal, 68; Purple Finch, 22; Goldfinch, 60; Vesper Sparrow, 1; Junco, 661; Tree Sparrow, 439; White-throated Sparrow, 18; Fox Sparrow, 1; Song Sparrow, 66. **Total,** 40 species; 6478 individuals.—R. LOUIS LLOYD, MABEL A. GRIFFITH, MRS. ISAAC G. ROBERTS, ALICE W. SWAYNE, ESTHER BALDWIN, MRS. ALBERT HALLOWELL, FRED J. COLWELL, FRANCES L. GROFF, MARY A. SHARPLES, MR. and MRS. JOSEPH COPE, ANNA P. JAMES, MARGARET S. GODWIN, VIOLET L. FINDLAY, MRS. ABNER FEW, ARTHUR HOOPES, GERTRUDE RHOADS, HELEN E. RHOADS, MR. and MRS. JOHN LEITCH, DR. and MRS. ROBERT B. GORDON.

Wyncote, Pa. (within prescribed limits, to Chestnut Hill, Roxborough, Trevose, and Cheltenham).—Dec. 21; 3 A.M. to 5 P.M. Cloudless; ground bare; temp. 16° at start, 28° at return. Twenty observers in 6 parties. Total hours afield, 44¼ (37 on foot, 7¼ by car); total party miles, 141 (38 on foot, 103 by car). Mallard, 114; Black Duck, 2; Wood Duck, 4 (present for month or more—second local winter record in years); Sharp-shinned Hawk, 2; Cooper's Hawk, 1; Red-tailed Hawk, 7; Red-shouldered Hawk, 4; Sparrow Hawk, 7; Pheasant, 51; Mourning Dove, 78; Screech Owl, 6; Long-eared Owl, 10; Belted Kingfisher, 2; Flicker, 7; Hairy Woodpecker, 14; Downy Woodpecker, 56; Blue Jay, 25; Crow, 315; Black-capped Chickadee, 263; Tufted Titmouse, 69; White-breasted Nuthatch, 29; Red-breasted Nuthatch, 4; Brown Creeper, 18; Winter Wren, 10; Carolina Wren, 6; Brown Thrasher, 1 (A.M.C.); Robin, 5; Hermit Thrush, 1; Golden-crowned Kinglet, 73; Cedar Waxwing, 3; Starling, 859; Myrtle Warbler, 1; English Sparrow, 388; Purple Grackle, 3; Cardinal, 188; Purple Finch, 6; Pine Siskin, 9; Goldfinch, 44; Towhee, 1; Vesper Sparrow, 4 (together); Slate-colored Junco, 1040;

Tree Sparrow, 314; Field Sparrow, 40; White-throated Sparrow, 165; Fox Sparrow, 22; Song Sparrow, 54. **Total,** 46 species; 4325 individuals. —David Alburger, Samuel J. Barnes, John Bartsch, Henry Bell, Jr., Anthony M. Clark, John Dornan, Fred R. Ellis, Robert Ellis, T. Russell Frank, William W. Frech, Mrs. E. S. Griscom, Jay V. Hare, Frank Hastings, Donald Kelly, Edward H. Parry, William Pepper, Jr., Mr. and Mrs. M. M. Smith, Mr. and Mrs. J. C. Tracy (Wyncote Bird Club).

York, Pa. (15-mile circle, from 1½ miles above the Wrightsville-Columbia Bridge south to York Furnace; observations made on Susquehanna River at 3 points: above bridge, mile below bridge, 12 miles below bridge; on land: wooded section above bridge, ravine 1 mile below bridge, strip of woodland 11 miles below bridge, wooded section at southern end of 15-mile limit).—Dec. 26; 8.30 a.m. to 3.30 p.m. Rain in morning; generally dark and cloudy in afternoon; flood waters on the river made observations difficult; ground bare; wind southwest; temp. 40° at start, 46° at return. One party of 6. Total hours afield, 7; total party miles, 46 (6 on foot, 40 by car). Black Duck, 187; Am. Golden-eye, 45; Am. Merganser, 9; Turkey Vulture, 1; Sharp-shinned Hawk, 1; Bald Eagle, 2; Sparrow Hawk, 3; Herring Gull, 4; Flicker, 2; Red-headed Woodpecker, 1; Hairy Woodpecker, 2; Downy Woodpecker, 5; Blue Jay, 1; Crow, 80; Black-capped Chickadee, 14; Tufted Titmouse, 14; White-breasted Nuthatch, 4; Brown Creeper, 4; Winter Wren, 1; Carolina Wren, 4; Mockingbird, 1; Hermit Thrush, 1; Bluebird, 21; Golden-crowned Kinglet, 2; Cedar Waxwing, 34; Starling, 217; English Sparrow, 17; Red-wing, 3; Cardinal, 20; Goldfinch, 10; Slate-colored Junco, 50; Tree Sparrow, 32; White-throated Sparrow, 9; Swamp Sparrow, 1; Song Sparrow, 2. **Total,** 35 species; 804 individuals.—Rev. Jay H. Arnold, Viola Dietz, Frances Farcht, Mary Neiman, Rodney Blauser, Donald Nickol (York County Bird Club).

Bombay Hook National Wildlife Refuge (Kent Co.), Del. (area and surrounding territory, extending south to Little Creek, southwest to Dover, westward to include Cheswold, northwest to Smyrna, north to Fleming's Landing, northeast to Woodland Beach, and east to the ship channel in Delaware Bay, an area with a radius of roughly seven miles).—Dec. 28; 4.30 a.m. to 4 p.m. Cloudy; ground bare; range of vision approximately 7 miles; light west and northwest breeze all day; max. temp. 48°, min. 36°. Thirty-eight observers in 13 parties. Total party hours afield, 72; total party miles, 273 (73 on foot, 200 by car). Great Blue Heron, 20; Black-crowned Night Heron, 3; Am. Bittern, 1; Canada Goose, 17; Snow Goose, 12,000 (est.); Blue Goose, 9; Mallard, 54; Common and Red-legged Black Duck (both identified), 3605; Gadwall, 8; Baldpate, 112; Pintail, 81; Green-winged Teal, 497; Shoveller, 268; Wood Duck, 17; Redhead, 2; Ring-necked Duck, 2; Lesser Scaup, 987; Golden-eye, 25; Buffle-head, 5; Old-squaw, 1; Am. Eider, 2 (seen at a distance of 200 feet, with high-powered glasses, from a speedboat in Delaware Bay—Herholdt, Newman, Reimann); Am. Scoter, 2; Ruddy Duck, 1; Hooded Merganser, 44; Am. Merganser, 126; Red-breasted Merganser, 2; Turkey Vulture, 197; Black Vulture, 1 (identified in flight with high-powered glasses—J. M. Cadbury, L. M. Cadbury, B. B. Cadbury, M. V. Cadbury, J. Arnett); Sharp-shinned Hawk, 6; Cooper's Hawk, 9; Red-tailed Hawk, 23; Red-shouldered Hawk, 1; Broad-winged Hawk, 1 (seen in heavy woods, observed at 500 feet with 6× glasses, identified by banded tail, small buteo, and typical cry—E. M. Barry); Rough-legged Hawk, 27; Bald Eagle, 9; Marsh Hawk, 82; Duck Hawk, 3; Sparrow Hawk, 24; Bob-white, 20; Pheasant, 7; Killdeer, 48; Woodcock, 1; Greater Yellow-legs, 2; Herring Gull, 231; Ring-billed Gull, 13; Rock Dove, 2; Mourning Dove, 188; Barn Owl, 2; Screech Owl, 2; Great Horned Owl, 10; Barred Owl, 8; Long-eared Owl, 1; Short-eared Owl, 4; Kingfisher, 3; Flicker, 27; Red-bellied Woodpecker, 39; Red-headed Woodpecker, 2; Hairy Woodpecker, 16; Downy Woodpecker, 64; Northern and Prairie Horned Larks (both identified), 392; Blue Jay, 46; Eastern and Fish Crows (both identified), 8157; Black-capped Chickadee, 1 (seen when emitting full song and identified thereby—J. M. Cadbury); Carolina Chickadee, 169; Tufted Titmouse, 31; White-breasted Nuthatch, 1; Red-breasted Nuthatch, 7; Brown Creeper, 16; Winter Wren, 9; Carolina Wren, 22; Short-billed Marsh Wren, 1; Mockingbird, 14; Catbird, 2; Robin, 19; Hermit Thrush, 12; Bluebird, 22; Golden-crowned Kinglet, 47; Pipit, 225; Migrant Shrike, 7; Starling, 464; Myrtle Warbler, 186; Yellow-throat, 3; English Sparrow, 117; Meadowlark, 55; Red-wing, 13,092; Rusty Blackbird, 27; Purple Grackle, 6; Cowbird, 108; Cardinal, 180; Goldfinch, 449; Towhee, 8; Ipswich Sparrow, 4; Savannah Sparrow, 11; Henslow's Sparrow, 2 (seen in grassy field 45 feet distant using high-powered glass, identified by olivaceous markings—E. M. Barry, J. Arnett); Sharp-tailed Sparrow, 5; Vesper Sparrow, 6; Junco, 426; Tree Sparrow, 825; Chipping Sparrow, 6; Field Sparrow, 27; White-throated Sparrow, 296; Fox Sparrow, 54; Swamp Sparrow, 41; Song Sparrow, 78. **Total,** 108 species; approximately 44,640 individuals.—Herbert S. Cutler, Dave Cutler, Robert Newman, Edwin Barry, Paul Ehinger, David Shilling, Christian F. Edwardson, Townley French, W. W. Mack, H. Mack, John F. Herholdt, Anthony Vinci, Virginia Rawley, Jean McNeil, Eliza Hamm, Katherine McKee, Quinton Kramer, Evelyn Kramer, J. M. Cadbury, L. M. Cadbury, B. B. Cadbury, M. V. Cadbury, J. Arnett, Dale Twining, Dave Whitten, Aurelia Reigner, Mabel Willets, June Wagoner, William Wagoner, Lawrence Corn, Joseph Jacobs, Harold Sharp, Charles Tracy, C. Freemont Elliot, Henry Lesser, Harry Boardman, R. F. Miller, Bud Reimann.

Rehoboth Beach, Del. (woods, beaches and bay to Indian River Inlet, about 8 miles, and back into country across Rehoboth Bay, about 5 miles). —Dec. 23; 7.20 a.m. to 4.30 p.m. Cloudy; ground bare; wind southeast, light; temp. 35° at start, 48° at return. Five observers in 1 party most of time. Total hours afield, 9 (8 on foot, 1 by car);

total party miles, 28 (7 on foot, 21 by car). Common Loon, 5; Holboell's Grebe, 1; Horned Grebe, 8; Canada Goose, 151; Mallard, 2; Red-legged Black Duck, 53; Baldpate, 60 (est.); Green-winged Teal, 6; Shoveller, 3; Lesser Scaup, 1; Golden-eye, 10; Buffle-head, 3; Old-squaw, 2; Am. Scoter, 7; White-winged Scoter, 1; Ruddy Duck, 7; Turkey Vulture, 22; Marsh Hawk, 1; Sparrow Hawk, 3; Coot, 90 (est.); Killdeer, 4; Purple Sandpiper, 5; Red-backed Sandpiper, 16; Semipalmated Sandpiper, 1; Sanderling, 2; Great Black-backed Gull, 1; Herring Gull, 82; Ring-billed Gull, 57; Short-eared Owl, 1; Belted Kingfisher, 1; Downy Woodpecker, 1; Phoebe, 1; Horned Lark, 25; Blue Jay, 1; Crow, 34; Carolina Chickadee, 7; Tufted Titmouse, 1; Red-breasted Nuthatch, 5; Brown Creeper, 1; Mockingbird, 2; Robin, 19; Bluebird, 24; Golden-crowned Kinglet, 7; Starling, 97; Myrtle Warbler, 95 (est.); English Sparrow, 50; Meadowlark, 2; Red-wing, 4; Cardinal, 6; Goldfinch, 11; Savannah Sparrow, 1; Slate-colored Junco, 31; Tree Sparrow, 4; Field Sparrow, 4; White-throated Sparrow, 8; Song Sparrow, 11. **Total,** 56 species; approximately 1058 individuals.—Ethel Brady, Cedric E. Cooper, Purnel McWhorter, Stuyvesant B. Pell, Walden Pell, 2d.

Accokeek, Md. (east side of Potomac just below mouth of Piscataway Creek; area of about 2 square miles, comprising riverfront, cultivated riverflat, wooded swamp, cattail marsh, and border of adjacent upland, covered intensively on foot).—Dec. 21; 8 a.m. to 4.30 p.m. Clear; no wind; temp. 24° at start, 37° at return. Observers in pairs or singly at different times during the day. Total party hours, 20; total party miles, about 7, but hard to estimate because of continual criss-crossing of small area. Horned Grebe, 1; Great Blue Heron, 1; Mallard 1; Black Duck, 100; Ring-necked Duck, 5; Am. Merganser, 250; Turkey Vulture, 3; Black Vulture, 1; Sharp-shinned Hawk, 1; Red-tailed Hawk, 1; Bald Eagle, 1; Marsh Hawk, 3; Bob-white, 23; Killdeer, 15; Herring Gull, 25; Ring-billed Gull, 15; Mourning Dove, 50; Kingfisher, 2; Flicker, 10; Red-bellied Woodpecker, 15; Yellow-bellied Sapsucker, 2; Hairy Woodpecker, 2; Downy Woodpecker, 15; Horned Lark, 1; Blue Jay, 2; Crow, 40; Carolina Chickadee, 30; Tufted Titmouse, 20; Brown Creeper, 9; Winter Wren, 2; Carolina Wren, 12; Mockingbird, 6; Robin, 6; Hermit Thrush, 2; Bluebird, 40; Golden-crowned Kinglet, 40; Ruby-crowned Kinglet, 2; Starling, 10; English Sparrow, 20; Meadowlark, 50; Red-wing, 400 (est.); Rusty Blackbird, 25; Cowbird, 15; Cardinal, 40; Purple Finch, 20; Goldfinch, 55; Savannah Sparrow, 10; Slate-colored Junco, 200; Tree Sparrow, 25; Field Sparrow, 20; White-throated Sparrow, 100; Song Sparrow, 50. **Total,** 52 species; about 1794 individuals.—A. A. Baker, Edwin T. McKnight, Thomas B. Nolan, W. W. Rubey.

Annapolis, Md. (brackish marsh and woods along both sides of Spa Creek, north side of Back Creek).—Dec. 28; 10 a.m. to 5 p.m. Overcast; wind moderate, west to northwest; temp. 40° at start, 38° at return. One observer. Total hours afield, 6¼ (6 on foot, ¼ by car); total miles, 11 (8 on foot, 3 by car). Turkey Vulture, 3; Herring Gull, 21; Rock Dove, 70 (est.); Flicker, 5; Downy Woodpecker, 2; Blue Jay, 1 (heard); Carolina Chickadee, 4; Tufted Titmouse, 7; Red-breasted Nuthatch, 1; Catbird, 1; Robin, 20; Golden-crowned Kinglet, 1; English Sparrow, 21; Cardinal, 39; Goldfinch, 4; Red-eyed Towhee, 10; Slate-colored Junco, 33; Tree Sparrow, 1; Field Sparrow, 1; White-throated Sparrow, 25; Song Sparrow, 2. **Total,** 21 species; 272 individuals.—C. Blair.

Betterton (Kent Co.), Md. (area along Chesapeake Bay from Betterton village to Price's Branch, southward to head of the branch, southwestward to head of Still Pond Creek, and return, including bay shore, open fields, creek shore, and both swamp and upland woods).—Dec. 25; 10.30 a.m. to 4.30 p.m. Clear; light west wind; temp. 48° at start, 46° at return. Six observers together. Total hours afield, 6 (5 on foot, 1 by car); total party miles, 12 (2½ on foot, 9½ by car). Great Blue Heron, 2; Whistling Swan, 21; Canada Goose, 6; Black Duck, 51; Turkey Vulture, 10; Marsh Hawk, 1; Sparrow Hawk, 1; Bob-white, 1; Herring Gull, 5; Mourning Dove, 30 (est.); Flicker, 2; Blue Jay, 1; Crow, 22; Black-capped Chickadee, 6; Carolina Chickadee, 4; Red-breasted Nuthatch, 4; Carolina Wren, 1; Mockingbird, 2; Cedar Waxwing, 12; Starling, 370 (est.); English Sparrow, 6; Red-wing, 4000 (est.); Purple (?) Grackle, 2; Cardinal, 4; Slate-colored Junco, 10; Song Sparrow, 11. **Total,** 26 species; approximately 4585 individuals.—Bedford Groves, Mrs. Catharine Groves, Ethel Groves, Virginia Groves, Mr. and Mrs. Howard B. Owens.

Bowie, Md. (entire area of the Patuxent Research Refuge of the Fish and Wildlife Service, approximately 3000 acres).—Dec. 23; 7.30 a.m. to 5 p.m. Cloudy throughout day, intermittent showers; visibility very poor; temp. 53° at start, 50° at finish. Observers alone or in pairs, covering about 80 miles on foot. Wood Duck, 1; Turkey Vulture, 7; Sharp-shinned Hawk, 1; Red-tailed Hawk, 1; Red-shouldered Hawk, 2; Bob-white, 28; Mourning Dove, 49; Great Horned (?) Owl, 1; Barred Owl, 3; Flicker, 75; Pileated Woodpecker, 1; Red-bellied Woodpecker, 32; Red-headed Woodpecker, 1; Yellow-bellied Sapsucker, 4; Hairy Woodpecker, 9; Downy Woodpecker, 42; Horned Lark, 1; Blue Jay, 144; Crow, 102; Carolina Chickadee, 92; Tufted Titmouse, 53; White-breasted Nuthatch, 16; Red-breasted Nuthatch, 37; Brown Creeper, 24; Winter Wren, 9; Carolina Wren, 6; Mockingbird, 4; Robin, 15; Hermit Thrush, 8; Bluebird, 52; Golden-crowned Kinglet, 170; Cedar Waxwing, 5; Starling, 36; Myrtle Warbler, 215; English Sparrow, 17; Meadowlark, 8; Purple Grackle, 3; Cardinal, 53; Purple Finch, 10; Pine Siskin, 2; Goldfinch, 91; Towhee, 11; Slate-colored Junco, 676; Tree Sparrow, 204; Field Sparrow, 3; White-throated Sparrow, 84; Fox Sparrow, 10; Swamp Sparrow, 4; Song Sparrow, 53. **Total,** 49 species; approximately 2475 individuals.—John W. Aldrich, Leo K. Couch, Lucas Dargan, H. G. Deignan, John N. Hamlet, Neil Hotchkiss, Phoebe Knappen, Leonard M. Llewellyn, A. C. Martin, Franklin H. May, George A. Petrides, Robert H. Smith, Robert E. Stewart, Francis M. Uhler.

Loch Raven (Baltimore Co.), Md. (around the lake through Dulaney Valley).—Dec. 21; 7 A.M. to 4.30 P.M. Clear; medium northwest wind; temp. 25° at start, 36° at return. About 17 miles on foot. Common Loon, 1; Mallard, 3; Golden-eye, 2; Am. Merganser, 4; Turkey Vulture, 125+; Cooper's Hawk, 1; buteonine hawk, 1; Marsh Hawk, 1; Bob-white, 8; Killdeer, 7; Crow, 27+; Carolina Chickadee, 10+; Red-breasted Nuthatch, 2; Winter Wren, 1; Carolina Wren, 1; Hermit Thrush, 1; Bluebird, 1; Golden-crowned Kinglet, 6; Myrtle Warbler, 1; Cardinal, 10; Goldfinch, 21+; Junco, 35+; Tree Sparrow, 59+; White-throated Sparrow, 2; Song Sparrow, 2. **Total,** 25 species; 332+ individuals.—H. KOLB.

Port Tobacco (Charles Co.), Md. (areas about Port Tobacco Village, Brentland Wharf on Port Tobacco River, and near mouth of Nanjemoy Creek).—Dec. 27; 7 A.M. to 5 P.M. Foggy during first 3 hours, cloudy most of day; no wind; temp. 41° at start, 44° at finish. Four observers working in pairs. Total party hours afield, 9½ (8 afoot, 1½ by car); total party miles, 30 (20 afoot, 10 by car). Great Blue Heron, 60; Mallard, 1; Black Duck, 1; Baldpate, 3; Ring-necked Duck, 1; Canvas-back, 18; Lesser Scaup, 50; Ruddy Duck, 10,000+; Hooded Merganser, 50; Red-breasted Merganser, 1; Turkey Vulture, 150; Black Vulture, 10; Red-tailed Hawk, 4; Red-shouldered Hawk, 4; Bald Eagle, 6; Marsh Hawk, 3; Sparrow Hawk, 1; Bob-white, 1; Am. Coot, 20; Killdeer, 2; Herring Gull, 12; Ring-billed Gull, 6; Mourning Dove, 35; Long-eared Owl, 1; Belted Kingfisher, 1; Flicker, 50; Red-bellied Woodpecker, 17; Yellow-bellied Sapsucker, 2; Hairy Woodpecker, 2; Downy Woodpecker, 30; Blue Jay, 63; Crow, 110; Carolina Chickadee, 35; Tufted Titmouse, 23; White-breasted Nuthatch, 1; Red-breasted Nuthatch, 3; Brown Creeper, 1; Winter Wren, 1; Carolina Wren, 12; Mockingbird, 2; Robin, 225; Hermit Thrush, 3; Bluebird, 336; Golden-crowned Kinglet, 9; Cedar Waxwing, 35; Migrant Shrike, 1; Starling, 175; Myrtle Warbler, 50; English Sparrow, 70; Meadowlark, 15; Red-wing, 5000+; Grackle, 12; Cardinal, 68; Purple Finch, 7; Goldfinch, 300; Towhee, 1; Slate-colored Junco, 500+; Tree Sparrow, 100+; Field Sparrow, 31; White-throated Sparrow, 500+; Fox Sparrow, 4; Swamp Sparrow, 60; Song Sparrow, 150. **Total,** 63 species; 18,445+ individuals.—IRA N. GABRIELSON, CLARENCE COTTAM, F. M. UHLER, A. L. NELSON (U. S. Fish and Wildlife Service, Washington, D. C.).

St. Mary's City to Point Lookout, Md.—Dec. 21; 7 A.M. to 5 P.M. Clear, sunny day, frost on ground in morning; light northwesterly breeze; temp. about 25° at start, about 40° at noon. Observers in 2 parties, 1 party of 2 on foot, other party with car; 65 miles in car and 16 miles on foot. Common Loon, 2; Horned Grebe, 46; Great Blue Heron, 2; Scaup, 66; Am. Golden-eye, 52; Oldsquaw, 276; Scoter (sp. ?), 5; Hooded Merganser, 1; Red-breasted Merganser, 5; unidentified ducks, 60; Turkey Vulture, 38; Black Vulture, 13; Red-tailed Hawk, 2; Bald Eagle, 1; Marsh Hawk, 1; Sparrow Hawk, 2; Killdeer, 19; Sanderling, 1; Herring Gull, 80; Ring-billed Gull, 6; unidentified gulls, 145; Mourning Dove, 11; Barred Owl, 1; Kingfisher, 1; Flicker, 4; Red-bellied Woodpecker, 4; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 2; Downy Woodpecker, 9; Crow, 69; Fish Crow, 2; Carolina Chickadee, 43; Tufted Titmouse, 12; Red-breasted Nuthatch, 2; Brown-headed Nuthatch, 6; Brown Creeper, 8; Carolina Wren, 12; Mockingbird, 8; Robin, 5; Hermit Thrush, 11; Bluebird, 33; Golden-crowned Kinglet, 21; Cedar Waxwing, 38; Starling, 32; Myrtle Warbler, 61; English Sparrow, 37; Meadowlark, 26; Red-wing, 195; Cardinal, 11; Goldfinch, 75; Towhee, 1; Savannah Sparrow, 1; Junco, 170; Tree Sparrow, 4; Field Sparrow, 86; White-throated Sparrow, 19; Fox Sparrow, 22; Swamp Sparrow, 4; Song Sparrow, 47. **Total,** 57 species; 1917 individuals.—JOHN W. ALDRICH, PHILIP A. DUMONT, ROBERT C. MCCLANAHAN, J. O. STEVENSON, W. A. WEBER.

Blacksburg (Montgomery Co.), Va. (V. P. I. farm and campus, Brush Mountain and Strouble's Creek to New River, along New River 5 miles from McCoy to Whitethorne Ferry, within 13-mile diameter).—Dec. 22; 6.15 A.M. to 5 P.M. Clear to increased cloudiness, raining at 7 P.M.; ground bare; no wind at start, to brisk south wind by late afternoon; temp. 26° at start, 40° at return. Observers 9, in 4 groups, afield all day. Total miles afoot, 45; by car, 60; total hours afoot and by car, 43. Mallard, 3; Black Duck, 15; Gadwall, 1; Baldpate, 5; Pintail, 1; Green-winged Teal, 1; Blue-winged Teal, 1; Shoveller, 1; Ring-necked Duck, 1; Lesser Scaup, 7; Am. Golden-eye, 3; Buffle-head, 1; Hooded Merganser, 14; Turkey Vulture, 51; Black Vulture, 3; Cooper's Hawk, 4; Red-tailed Hawk, 1; Red-shouldered Hawk, 2; Sparrow Hawk, 5; Ruffed Grouse, 1; Bob-white, 50 (est.; 5 coveys, 3 of which were heard whistling from roosts at daybreak); Killdeer, 10; Wilson's Snipe, 27; Rock Dove (wild), 15; Mourning Dove, 103; Screech Owl, 2 (heard at daybreak); Great Horned Owl, 1 (heard at 6.54 A.M.); Barred Owl, 1; Belted Kingfisher, 3; Flicker, 20; Pileated Woodpecker, 3; Red-bellied Woodpecker, 2; Red-headed Woodpecker, 58; Yellow-bellied Sapsucker, 6; Hairy Woodpecker, 6; Downy Woodpecker, 27; Prairie Horned Lark, 86; Blue Jay, 46; Crow, 300 (est.); Carolina Chickadee, 127; Tufted Titmouse, 71; Red-breasted Nuthatch, 25; White-breasted Nuthatch, 38; Brown Creeper, 4; Winter Wren, 27; Carolina Wren, 12; Mockingbird, 10; Robin, 8; Hermit Thrush, 8; Bluebird, 49; Golden-crowned Kinglet, 66; Migrant Shrike (var.?), 3; Starling, 1710 (est.); English Sparrow, 217 (est.); Meadowlark, 25; Rusty Blackbird, 17; Grackle, 3; Cowbird, 1 (C. E. A.); Cardinal, 104; Purple Finch, 1; Pine Siskin, 15; Goldfinch, 105; Red Crossbill, 1 (C. O. H., Jr.); Towhee, 3; Junco, 462 (est.); Tree Sparrow, 83; Field Sparrow, 118; White-crowned Sparrow, 72; White-throated Sparrow, 63; Fox Sparrow, 6; Swamp Sparrow, 13; Song Sparrow, 284. **Total,** 72 species; approximately 4638 individuals.—C. E. ADDY, R. H. CROSS, JR., C. O. HANDLEY, JR., W. B. MCINTOSH, R. J. WATSON, WARD MATHEWS, A. B. MASSEY, A. B. CULBERTSON, C. O. HANDLEY.

Fort Belvoir, Va. (northern half of the peninsula jutting out into Potomac River, 16 miles south of Washington—golf course, parade ground,

woods and swamps, and the inlet and river between the Floating Bridge Area and the fish wharf). —Dec. 21; 7.30 A.M. to 3 P.M. Hazy; ground bare; no wind; temp. 38° at start, 52° at return. One observer covering a distance of about 6½ miles on foot in 7½ hours. Black Duck, 2; Am. Merganser, 25; Red-shouldered Hawk, 1; Bald Eagle, 1; Killdeer, 1; Herring Gull, 40+; Ring-billed Gull, 100+; Flicker, 10; Pileated Woodpecker, 2; Red-bellied Woodpecker, 3; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 2; Downy Woodpecker, 6; Horned Lark (sp.?), 2; Blue Jay, 12; Crow, 16; Carolina Chickadee, 30+; Tufted Titmouse, 10; White-breasted Nuthatch, 2; Red-breasted Nuthatch, 5; Brown Creeper, 4; Winter Wren, 1; Carolina Wren, 13; Mockingbird, 2; Robin, 12; Hermit Thrush, 2; Bluebird, 6; Golden-crowned Kinglet, 60+; Ruby-crowned Kinglet, 1; Cedar Waxwing, 1; Starling, 9; Myrtle Warbler, 30+; Red-wing, 18; Cardinal, 10; Purple Finch, 7; Pine Siskin, 1; Goldfinch, 42; English Sparrow, 37; Slate-colored Junco, 60; White-throated Sparrow, 24; Fox Sparrow, 1; Swamp Sparrow, 4; Song Sparrow, 5. **Total,** 43 species; approximately 621 individuals.—PRIVATE JACKSON ABBOTT.

Lexington, Va. (territory usually covered: Big Spring Pond, Wood's Creek Glen, cedar woods and oak woods along North River near Lime Kiln Bridge, overgrown fields).—Dec. 22; 8 A.M. to 2 P.M., 3.30 to 5 P.M. Clear, clouding in afternoon; ground bare and not frozen; no wind; temp. 25° at start, about 50° at return. Observers: 3 in morning, 6 hours, 5 miles afoot, 16 by auto; 3 in afternoon, 1½ hours, 2 miles afoot, 6 by auto. Total miles afoot, 7; by auto, 22. Green-winged Teal, 10; Turkey Vulture, 81; Black Vulture, 2; Sparrow Hawk, 5; Bob-white, 10; Killdeer, 1; Wilson's Snipe, 1; Kingfisher, 2; Screech Owl, 1; Great Horned Owl, 1; Sapsucker, 2; Downy Woodpecker, 12; Horned Lark, 1; Blue Jay, 3; Raven, 1; Crow, 33; Chickadee, 26; Tufted Titmouse, 6; White-breasted Nuthatch, 6; Carolina Wren, 12; Mockingbird, 13; Bluebird, 32; Golden-crowned Kinglet, 5; Starling, 83; Myrtle Warbler, 5; English Sparrow, 69; Cardinal, 57; Purple Finch, 2; Goldfinch, 12; Towhee, 1; Junco, 183; Tree Sparrow, 46; Field Sparrow, 10; White-crowned Sparrow, 3; White-throated Sparrow, 19; Song Sparrow, 35. **Total,** 36 species; 791 individuals.—DICKSON VARDELL MURRAY (morning), JIMMY MURRAY (afternoon), R. P. CARROLL, J. J. MURRAY (all day).

Lynchburg, Va. (fields, woods, low ground around Timber Lake, College Lake, Tomahawk Swamp).—Dec. 26; 7 A.M. to 4.45 P.M. Cloudy, with drizzling rain from east up to 10 A.M., then clearing; no wind at surface; ground bare; temp. 45° at start, little change through day. Six observers in 3 parties. Total party hours afield, 29¼ (27½ on foot, 1¾ in car); total party miles, 41 (26 on foot, 15 in car). Black Duck, 1; Blue-winged Teal, 1; Ring-necked Duck, 3; Lesser Scaup, 6; Hooded Merganser, 2; Am. Merganser, 7; Turkey Vulture, 22; Black Vulture, 11; Cooper's Hawk, 1; Red-tailed Hawk, 1; Sparrow Hawk, 4; Bob-white, 15; Rock Dove, 47; Mourning Dove, 42; Barred Owl, 1; Kingfisher, 3; Flicker, 12; Pileated Woodpecker, 5; Red-bellied Woodpecker, 1; Red-headed Woodpecker, 3; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 5; Downy Woodpecker, 14; Phoebe, 3; Prairie Horned Lark, 2; Blue Jay, 11; Crow, 198; Chickadee, 62; Tufted Titmouse, 21; White-breasted Nuthatch, 16; Red-breasted Nuthatch, 17; Brown Creeper, 2; Carolina Wren, 21; Mockingbird, 9; Robin, 22; Hermit Thrush, 10; Bluebird, 46; Golden-crowned Kinglet, 73; Ruby-crowned Kinglet, 1; Starling, 45; Myrtle Warbler, 2; English Sparrow, 5; Meadowlark, 10; Cardinal, 72; Purple Finch, 42; Goldfinch, 57; Junco, 384; Tree Sparrow, 6; Field Sparrow, 37; White-throated Sparrow, 79; Swamp Sparrow, 1; Song Sparrow, 195. **Total,** 52 species; 1657 individuals.—KINGSLEY STEVENS, KENNETH LAWLESS, BILLY MCINTOSH, CLYDE WARD, MR. and MRS. RUSKIN S. FREER (Lynchburg Chapter, Virginia Society of Ornithology).

Norfolk, Va. (intersection of Route 615 and Sand Bridge Road, south to brook swamp on Route 623, north to cypress swamp and Horn Point on Route 603, north to Dam Neck and Fresh Pond, south to Fish and Wildlife Service Refuge including that part called Green Hills, Sand Bay, and Long Island, return to Sand Bridge). —Dec. 22; 7.45 A.M. to 5.15 P.M. Heavy frost and ground fog in early morning, then sunshine through overcast clouds, thickening in afternoon; light south wind; temp. 35° at start, 47° at finish. Four observers, 3 together for 5¼ hours, all 4 together for 4¼ hours. Total party hours afield, 9½ (6½ afoot, 3 by transportation); total party miles, 62 (30 by car, 21 by truck, 6 by motorboat, 5 afoot). Common Loon, 6; Pied-billed Grebe, 4; Great Blue Heron, 2; Am. Bittern, 2; Whistling Swan, 2500 (est.); Canada Goose, 8000 (est.); Greater Snow Goose, 8000 (est.); Blue Goose, 20; Mallard, 100; Black Duck, 1000 (est.); European Widgeon, 1; Baldpate, 15,000 (est.); Pintail, 6000 (est.); Green-winged Teal, 4; Redhead, 400 (est.); Ring-necked Duck, 2000 (est.); Canvasback, 8000 (est.); Greater Scaup, 2000 (est.); Lesser Scaup, 6000 (est.); Buffle-head, 3; Ruddy Duck, 400 (est.); Am. Merganser, 25; Red-breasted Merganser, 6; Turkey Vulture, 17; Black Vulture, 7; Cooper's Hawk, 1; Red-shouldered Hawk, 3; Bald Eagle, 6; Marsh Hawk, 6; Duck Hawk, 2; Sparrow Hawk, 4; Coot, 2500 (est.); Killdeer, 32; Black-bellied Plover, 4; Red-backed Sandpiper, 7; Herring Gull, 57; Ring-billed Gull, 25; Mourning Dove, 4; Screech Owl, 1; Great Horned Owl, 1; Kingfisher, 1; Flicker, 6; Pileated Woodpecker, 1; Red-bellied Woodpecker, 5; Hairy Woodpecker, 2; Downy Woodpecker, 1; Crow, 5; Fish Crow, 4; Carolina Chickadee, 20; Tufted Titmouse, 2; White-breasted Nuthatch, 1; Brown-headed Nuthatch, 25; Brown Creeper, 1; Carolina Wren, 5; Short-billed Marsh Wren, 1; Mockingbird, 15; Catbird, 3; Robin, 2; Hermit Thrush, 1; Bluebird, 14; Golden-crowned Kinglet, 4; Pipit, 78; Starling, 36; Myrtle Warbler, 89; Yellow-throat, 1; English Sparrow, 19; Meadowlark, 91; Red-wing, 629; Purple Grackle, 16; Cardinal, 2; Goldfinch, 6; Towhee, 3; Savannah Sparrow, 26; Junco, 5; Field Sparrow, 16; White-throated Sparrow, 4; Fox Sparrow, 2; Swamp Sparrow, 30; Song Spar-

row, 34. **Total,** 79 species; 63,356 individuals (est.). Two Double-crested Cormorants and 4 Sanderlings at refuge in the morning by John H. Southerlin; 1 Green Heron [no details—Ed.] seen on way to census area.—H. A. Bailey, Mrs. C. A. Barefield, Jimmy C. Harmon, Mrs. A. C. Reed.

Orange, Va. (open fields, woodlands, riverbank).—Dec. 27; 8 a. m. to 3.15 p.m. Slightly cloudy; no wind; temp. 40° at start, 50° later. Observers together. About 12 miles on foot, 8 by car. Turkey Vulture, 18; Black Vulture, 8; Cooper's Hawk, 1; Red-tailed Hawk, 1; Marsh Hawk, 1; Bob-white, 15 (covey); Killdeer, 1; Mourning Dove, 25; Belted Kingfisher, 1; Flicker, 4; Red-bellied Woodpecker, 9; Yellow-bellied Sapsucker, 1; Downy Woodpecker, 3; Blue Jay, 14; Crow, 75 (est.); Carolina Chickadee, 3; Tufted Titmouse, 7; White-breasted Nuthatch, 2; Carolina Wren, 5; Mockingbird, 8; Bluebird, 2; Loggerhead (?) Shrike, 2; Starling, 150 (est.); Myrtle Warbler, 3; Meadowlark, 32; Cardinal, 10; English Sparrow, 12; Slate-colored Junco, 100 (est.); Tree Sparrow, 15; Field Sparrow, 5; Song Sparrow, 30 (est.). **Total,** 31 species; approximately 563 individuals.—Frank Fullerton, W. B. Ward.

Pamplin, Va. (open fields and woodlands).—Dec. 23; 8.30 a.m. to 11.30 a.m., 12.30 to 4.30 p.m. Cloudy, with intermittent rain; ground bare; no wind; temp. 50° at start, 55° at return. Total hours afoot, 7; total miles afoot, 3½. Turkey Vulture, 3; Mourning Dove, 1; Flicker, 1; Yellow-bellied Sapsucker, 2; Crow, 12; Carolina Chickadee, 6; Tufted Titmouse, 3; White-breasted Nuthatch, 1; Red-breasted Nuthatch, 2; Brown Creeper, 1; Carolina Wren, 1; Hermit Thrush, 4; Golden-crowned Kinglet, 13; Ruby-crowned Kinglet, 8; Starling, 3; Myrtle Warbler, 3; Meadowlark, 24; Cardinal, 2; Slate-colored Junco, 22; Carolina Junco, 3; White-throated Sparrow, 23; Song Sparrow, 4. **Total,** 22 species; 142 individuals.—Morton Marshall, Jr.

Seward Forest (Brunswick Co.), Va. (fields, pastures and pine woods, north to White-oak Creek; up creek about a mile through wooded low grounds, and return through fields and pine woods; farmlands southwest to Rattlesnake Creek, down creek through beech-oak-holly woods to confluence of Mill Branch and up branch home).—Dec. 22; 7.30 a.m. to 12 m., 1.30 to 4.15 p.m. Clear, little wind; no snow; temp. 21° at start, 44° at noon. Total hours afield, 7¼; total miles afoot, about 7. Observer alone. Turkey Vulture, 15; Black Vulture, 11; Cooper's Hawk, 1; Killdeer, 7; Mourning Dove, 24; Great Horned Owl, 1 (heard before dawn); Flicker, 5; Pileated Woodpecker, 1; Red-bellied Woodpecker, 4; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 3; Downy Woodpecker, 4; Phoebe, 1; Prairie Horned Lark, 2; Blue Jay, 2; Crow, 32; Carolina Chickadee, 6; Tufted Titmouse, 7; Carolina Wren, 8; Mockingbird, 8; Robin, 35; Hermit Thrush, 8; Bluebird, 21; Golden-crowned Kinglet, 4; Myrtle Warbler, 1; Meadowlark, 60; Cardinal, 8; Purple Finch, 8; Goldfinch, 3; Towhee, 5; Savannah Sparrow, 9; Junco, 110 (partly est.); Field Sparrow, 29; White-throated Sparrow, 28; Song Sparrow, 12. **Total,** 35 species; 484 individuals.—John B. Lewis.

Chapel Hill, N. C. (same territory as covered in former years).—Dec. 27; 6 a.m. to 5.30 p.m. Cloudy; ground bare; no wind; temp. 42° at start, 54° at return. Seven observers in 3 parties in morning, 2 in afternoon, 1–3 persons per party. Total party miles, 59 (6 on foot, 4 by boat, 49 by car); total party hours, 31 (9 by car, 6 by boat, 16 on foot). Red-throated Loon, 1 (observed with 10× glasses at 60 yds. by H. T. O., E. P. O., C. M. C. at Eastwood lake; size, speckled back, bill and other characters noted; seen by 7 people next day); Pied-billed Grebe, 1; Great Blue Heron, 1; Mallard, 8; Black Duck, 32; Baldpate, 6; Pintail, 6; Buffle-head, 2; Hooded Merganser, 11; Am. Merganser, 5; Turkey Vulture, 17; Black Vulture, 10; Sharp-shinned (?) Hawk, 1; Red-tailed Hawk, 2; Red-shouldered Hawk, 1; Eagle, 1 (unmistakably an eagle but unable to tell whether immature Bald or Golden.—E. P. O. and H. T. O.); Sparrow Hawk, 1; Bob-white, 17; Coot, 5; Killdeer, 18; Woodcock, 1; Wilson's Snipe, 1; Mourning Dove, 158; Great Horned Owl, 2; Barred Owl, 2; Belted Kingfisher, 1; Flicker, 11; Red-bellied Woodpecker, 4; Red-headed Woodpecker, 1; Yellow-bellied Sapsucker, 5; Hairy Woodpecker, 5; Downy Woodpecker, 13; Phoebe, 2; Horned Lark, 10; Blue Jay, 20; Crow, 53; Carolina Chickadee, 35; Tufted Titmouse, 32; White-breasted Nuthatch, 8; Brown-headed Nuthatch, 12; Red-breasted Nuthatch, 9; Brown Creeper, 7; Winter Wren, 9; Carolina Wren, 26; Mockingbird, 2; Brown Thrasher, 1; Robin, 75; Hermit Thrush, 45; Bluebird, 70; Ruby-crowned Kinglet, 5; Golden-crowned Kinglet, 13; Cedar Waxwing, 3; Starling, 18; Myrtle Warbler, 26; Pine Warbler, 16; English Sparrow, 17; Meadowlark, 61; Redwing, 18; Rusty Blackbird, 35; Cardinal, 49; Purple Finch, 28; Pine Siskin, 2; Goldfinch, 138; Towhee, 20; Savannah Sparrow, 7; Slate-colored Junco, 481; Chipping Sparrow, 9; Field Sparrow, 28; White-throated Sparrow, 256; Fox Sparrow, 50; Swamp Sparrow, 111; Song Sparrow, 252. **Total,** 72 species; 2408 individuals. Noticeable absence of diving ducks.—Coit M. Coker, Mrs. H. D. Crockford, Mrs. Ove Jensen, Eugene P. Odum, H. Thomas Odum, Fremont Shepherd, Mrs. H. W. Walters.

Charlotte, N. C. (fields and woods 10 miles southeast of Charlotte).—Dec. 27; 7.30 a.m. to 4.30 p.m. Cloudy; ground wet; no wind; temp. about 35° at start, about 45° at return. Four observers in 1 party. Total hours afield, 9 (8 on foot, 1 by car); total party miles, 24 (8 on foot, 16 by car). Turkey Vulture, 1; Bob-white, 8; Mourning Dove, 1; Flicker, 11; Red-headed Woodpecker, 1; Yellow-bellied Sapsucker, 1; Downy Woodpecker, 5; Blue Jay, 33; Crow, 91; Carolina Chickadee, 25; White-breasted Nuthatch, 1; Carolina Wren, 6; Mockingbird, 2; Robin, 5; Hermit Thrush, 3; Bluebird, 26; Migrant Shrike, 1; Starling, 6; Myrtle Warbler, 1; Meadowlark, 5; Cardinal, 24; Goldfinch, 30 (est.); Junco, 150 (est.) Field Sparrow, 17; White-throated Sparrow, 40 (est.); Fox Sparrow, 8; Song Sparrow, 75 (est.). **Total,** 27 species; approximately 577 individuals. —Mrs. Geo. C. Potter, Jack Dermid, Bobby Shaw, Eugene Driver.

Greensboro, N. C. (West Greensboro and the Richardson estate beside Lake Brandt).—Dec. 25; 7.30 A.M. to 4 P.M. (E. S. T.). Sky clear; ground wet; very light wind, northwest; temp. 28° to 55°. Two observers by car, 1 hour; 1 observer afoot, 7½ hours; total party hours, 8½; total party miles, by car 10, afoot 8. Great Blue Heron, 1; Mallard, 3; Black Duck, 3; Baldpate, 3; Buffle-head, 19; Hooded Merganser, 25; Am. Merganser, 7; Turkey Vulture, 3; Belted Kingfisher, 2; Flicker, 14; Red-bellied Woodpecker, 1; Yellow-bellied Sapsucker, 4; Hairy Woodpecker, 1; Downy Woodpecker, 15; Phoebe, 2; Blue Jay, 5; Crow, 22; Chickadee, 83; Tufted Titmouse, 13; White-breasted Nuthatch, 2; Red-breasted Nuthatch, 17; Brown-headed Nuthatch, 3; Brown Creeper, 14; Winter Wren, 2; Carolina Wren, 9; Mockingbird, 3; Robin, 210; Hermit Thrush, 5; Bluebird, 45; Golden-crowned Kinglet, 47; Ruby-crowned Kinglet, 2; Cedar Waxwing, 75; Starling, 34; Myrtle Warbler, 8; Pine Warbler, 1; English Sparrow, 23; Cardinal, 7; Purple Finch, 3; Goldfinch, 180; Towhee, 3; Junco, 920; Field Sparrow, 2; White-throated Sparrow, 425; Fox Sparrow, 12; Song Sparrow, 230. **Total,** 45 species; about 2508 individuals.—ROBERT WOLFF, WADE FOX, JR.

Mattamuskeet National Wildlife Refuge, New Holland, N. C. (headquarters area, and area between Lake Landing and east end of refuge).—Dec. 27; 7.30 A.M. to 4.45 P.M. Overcast but clearing; ground bare; wind north, light; temp. 45° at start, 55° at return. Two observers. Total miles afoot, 4; in car, 15; observation from 2 towers; total hours, 8½. Great Blue Heron, 3; Whistling Swan, 3179; Canada Goose, 3152; Blue Goose, 5; Mallard, 21; Black Duck, 627; Baldpate, 2; Pintail, 2157; Turkey Vulture, 4; Red-tailed Hawk, 2; Red-shouldered Hawk, 2; Bald Eagle, 4; Marsh Hawk, 5; Killdeer, 1; Yellow-legs, 9 [sp.?—ED.]; Herring Gull, 2; Mourning Dove, 4; Belted Kingfisher, 1; Flicker, 18; Red-bellied Woodpecker, 1; Hairy Woodpecker, 1; Downy Woodpecker, 1; Phoebe, 4; Tree Swallow, 51; Crow, 30; Carolina Chickadee, 5; Carolina Wren, 3; Mockingbird, 6; Catbird, 10; Robin, 42; Wood Thrush, 2 [Hermit Thrush?—ED.]; Bluebird, 1; Starling, 22; Myrtle Warbler, 165; Yellow-throat, 3; English Sparrow, 5; Meadowlark, 15; Red-wing, 107; Purple Grackle, 12; Cardinal, 5; Goldfinch, 1; Towhee, 1; Tree Sparrow, 1; Field Sparrow, 2; Fox Sparrow, 1; Song Sparrow, 4. **Total,** 46 species; approximately 9699 individuals. Larger flocks partly estimated.—MAYNARD S. JOHNSON, W. G. CAHOON.

Raleigh, N. C. (triangular area, 5-mile base east and west, 3 miles north, including Cameron Woods, Pullen Park, Boneyard Lake, Lake Raleigh, Lake Johnson, and Boone's Pond).—Dec. 27; 8.30 A.M. to 4.30 P.M. Partly cloudy; light west wind; temp. 48° to 55°. Four observers in 1 party. Total hours afield, 8 (7 on foot, 1 by car); total party miles, 16 (4 on foot, 12 by car). Great Blue Heron, 1; Ring-necked Duck, 30; Lesser Scaup, 6; Am. Merganser, 6; Turkey Vulture, 5; Black Vulture, 1; Sharp-shinned Hawk, 2; Cooper's Hawk, 4; Red-shouldered Hawk, 1; Sparrow Hawk, 4; Bob-white, 12; Killdeer, 14; Mourning Dove, 2; Barred Owl, 2; Belted Kingfisher, 4; Red-bellied Woodpecker, 4; Flicker, 24; Red-headed Woodpecker, 3; Yellow-bellied Sapsucker, 2; Hairy Woodpecker, 6; Downy Woodpecker, 7; Phoebe, 2; Blue Jay, 4; Crow, 5; Carolina Chickadee, 25; Tufted Titmouse, 9; White-breasted Nuthatch, 1; Brown-headed Nuthatch, 9; Brown Creeper, 7; Winter Wren, 2; Carolina Wren, 10; Mockingbird, 5; Robin, 6; Hermit Thrush, 5; Bluebird, 40; Golden-crowned Kinglet, 35; Ruby-crowned Kinglet, 9; Cedar Waxwing, 40; Migrant Shrike, 1; Starling, 60; Myrtle Warbler, 5; Pine Warbler, 12; English Sparrow, 150; Meadowlark, 40; Red-wing, 24; Cardinal, 45; Purple Finch, 25; Goldfinch, 56; Towhee, 4; Savannah Sparrow, 3; Vesper Sparrow, 2; Slate-colored Junco, 250; Field Sparrow, 60; White-throated Sparrow, 80; Fox Sparrow, 45 (in song); Swamp Sparrow, 8; Song Sparrow, 225. **Total,** 57 species; 1449 individuals.—THOMAS L. QUAY, VIOLET W. QUAY, CARY H. BOSTIAN (A.M. only), JOHN GREY, JR. (P.M. only).

Rocky Mount, N. C. (triangular territory, including all local types of habitat, running 12 miles east and 14 miles north from city).—Dec. 26; 6 A.M. to 5.30 P.M. Rain; poor visibility; slight wind; temp. 45° min., 55° max. Six observers working in 2 parties. Total party hours afield, 20; total party miles, 126 (5½ afoot, 1½ by boat, 119 by car). Pied-billed Grebe, 5; Mallard, 6; Black Duck, 4; Wood Duck, 3; Ring-necked Duck, 12; Greater Scaup, 1; Turkey Vulture, 37; Black Vulture, 34; Sharp-shinned Hawk, 3; Cooper's Hawk, 1; Red-shouldered Hawk, 5; Rough-legged Hawk (black phase), 1; Marsh Hawk, 1; Pigeon Hawk, 1; Sparrow Hawk, 8; Bob-white, 10; Killdeer, 45; Mourning Dove, 94; Great Horned Owl, 2; Barred Owl, 2; Belted Kingfisher, 4; Flicker, 27; Pileated Woodpecker, 1; Red-bellied Woodpecker, 1; Red-headed Woodpecker, 1; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 4; Downy Woodpecker, 8; Horned Lark, 68; Blue Jay, 6; Crow, 130; Carolina Chickadee, 25; Tufted Titmouse, 13; White-breasted Nuthatch, 9; Winter Wren, 5; Carolina Wren, 19; Mockingbird, 6; Brown Thrasher, 5; Robin, 26; Hermit Thrush, 7; Bluebird, 62; Golden-crowned Kinglet, 3; Ruby-crowned Kinglet, 2; Am. Pipit, 119; Cedar Waxwing, 26; Migrant Shrike, 19; Starling, 67; Myrtle Warbler, 28; Pine Warbler, 2; English Sparrow, 140; Meadowlark, 140; Red-wing, 53; Purple Grackle, 4; Cowbird, 22; Cardinal, 28; Purple Finch, 8; Goldfinch, 37; Towhee, 22; Savannah Sparrow, 14; Vesper Sparrow, 2; Slate-colored Junco, 182; Chipping Sparrow, 8; Field Sparrow, 17; White-throated Sparrow, 87; Fox Sparrow, 3; Swamp Sparrow, 4; Song Sparrow, 56. **Total,** 67 species; 1796 individuals.—DAVIS BULLUCK, J. B. CORINTH, J. J. JOHNSON, NEVERSON LEWIS, FRANK WILLIAMS, JOE WILLIAMS.

Southern Pines, N. C. (around New England House, Church Garden, Bird Sanctuary; 5 miles out from cemetery; 1 mile north of town).—Dec. 28; 8 A.M. to 12.30 P.M., 2 to 4 P.M. Clear; wind light; temp. 65°. One party on foot, another on foot, and in car. Total hours, 6½. Red-tailed Hawk, 1; Bob-white, 1; Mourning Dove, 60; Flicker, 1; Downy Woodpecker, 1; Blue Jay, 1; Carolina Chickadee, 20; Tufted Titmouse, 8;

Brown Creeper, 1; Mockingbird, 5; Brown Thrasher, 1; Robin, 2; Hermit Thrush, 3; Golden-crowned Kinglet, 4; Starling, 50; English Sparrow, 47; Cardinal, 8; Towhee, 8; Slate-colored Junco, 155; Field Sparrow, 200; White-throated Sparrow, 78; Fox Sparrow, 1; Song Sparrow, 30. **Total,** 23 species; 686 individuals.—Louise Haynes, Mrs. Ada Swan, Mrs. Cecil Robinson, Elberta Himes, Mary Keller Wintyen (members of Southern Pines Bird Club).

Washington, N. C. (Pamlico River and Chocowinity Swamp for 2-mile radius east and north along Runyon's Creek in 1-mile radius, and west over route of previous counts).—Dec. 27; 7.15 A.M. to 1.30 P.M., 2.30 to 5 P.M. Heavy fog in A.M., lasting until about 9.30, lifting under clear sky; wind generally northeast, light; temp. 44° at start, 56° at return. Five observers in 3 parties in morning, 1 in afternoon. Total miles by boat, 2½; total miles on foot, 10; total hours afield, 12. Cormorant, 15; Great Blue Heron, 1; Black Vulture, 3; Cooper's Hawk, 1; Red-shouldered Hawk, 2; Bob-white, 23; Killdeer, 13; Wilson's Snipe, 5; Spotted Sandpiper, 2 [no details–Ed.]; Herring Gull, 41; Ring-billed Gull, 116 (est.); Mourning Dove, 8; Belted Kingfisher, 4; Flicker, 4; Red-bellied Woodpecker, 1; Red-headed Woodpecker, 3; Hairy Woodpecker, 1; Downy Woodpecker, 3; Phoebe, 4; Blue Jay, 7; Crow, 9; Carolina Chickadee, 2; Tufted Titmouse, 4; House Wren, 5; Carolina Wren, 14; Mockingbird, 14; Catbird, 12; Brown Thrasher, 3; Robin, 2; Hermit Thrush, 1; Bluebird, 13; Blue-gray Gnatcatcher, 1 (watched at close range and easily distinguished from other small birds; hunting insects in cypress trees and giving call notes—Biggs); Golden-crowned Kinglet, 8; Ruby-crowned Kinglet, 4; Shrike, 3; Starling, 54 (est.); Myrtle Warbler, 39; Palm Warbler, 1; English Sparrow, 22; Meadowlark, 70 (est.); Red-wing, 1; Rusty Blackbird, 12; Cardinal, 7; Goldfinch, 3; Towhee, 3; Junco, 4; Field Sparrow, 19; White-throated Sparrow, 33; Swamp Sparrow, 1+; Song Sparrow, 10. **Total,** 50 species; approximately 631 individuals. Vesper Sparrows at Core Point the same day.—Victor Shelburne, Sally Bogart, Joseph Biggs, Clyde Benner, J. McKeel (members Washington Field Museum).

Winston-Salem, N. C. (within an approximate 15-mile diameter, including Hanes' Park, Reynolda Park, Children's Home grounds, along Salem Creek, Buena Vista, Ardmore, Lasater's Lake, Williams' Lakes, and several estates—evergreen and deciduous forest, open country, and water).—Dec. 27; 7.20 A.M. to 6 P.M. Cloudy in morning, clear in afternoon; temp. 42° at start, 46° at finish. Observers in 6 parties, 1–4 persons per party. Total miles by auto, 42; total miles afoot, 19; total hours, 16. Great Blue Heron, 1; Canada Goose, 550; Mallard, 175; Black Duck, 8; Ring-necked Duck, 43; Turkey Vulture, 1; Red-tailed Hawk, 1; Sparrow Hawk, 1; Bob-white, 9; Coot, 2; Wilson's Snipe, 1; Mourning Dove, 34; Belted Kingfisher, 1; Flicker, 14; Red-headed Woodpecker, 2; Hairy Woodpecker, 1; Downy Woodpecker, 7; Blue Jay, 22; Crow, 23; Carolina Chickadee, 53; Tufted Titmouse, 29; White-breasted Nuthatch, 12; Brown Creeper, 2; Carolina Wren, 12; Mockingbird, 25; Robin, 5; Hermit Thrush, 3; Bluebird, 14; Golden-crowned Kinglet, 15; Ruby-crowned Kinglet, 8; Shrike, 2; Starling, 43; Myrtle Warbler, 32; English Sparrow, 58; Meadowlark, 15; Cardinal, 56; Purple Finch, 30; Goldfinch, 30; Towhee, 19; Junco, 127; Field Sparrow, 48; White-throated Sparrow, 62; Song Sparrow, 70. **Total,** 43 species; approximately 1666 individuals. Screech Owl, Dec. 26.—Andrew Mickle, James L. Stephenson, W. H. Chance, Sr., W. H. Chance, Jr., Henry Magie, William L. Anderson, Sr., William L. Anderson, Jr.

Charleston, S. C. (Bulls Island, adjacent waters and marshes, mainland opposite, back to Wando River; same as in preceding years).—Dec. 22; 7 A.M. to 5.15 P.M. Overcast; east to northeast wind, 15–20 m. p. h.; temp. 43° at start, 62° at finish. Sixteen observers working in 6 parties. Total party hours afield, 42 (28 afoot, 10 by car, 4 by boat); total party miles, 192 (26 afoot, 142 by car, 24 by boat). Common Loon, 2; Horned Grebe, 55; Pied-billed Grebe, 51; Cormorant, 125; Great Blue Heron, 24; Snowy Egret, 1; Am. Egret, 7; Louisiana Heron, 10; Little Blue Heron, 7; Black-crowned Night Heron, 1; Mallard, 57; Black Duck, 209; Gadwall, 39; Baldpate, 102; Pintail, 69; Green-winged Teal, 255; Blue-winged Teal, 122; Shoveller, 277; Wood Duck, 128; Redhead, 4; Ring-necked Duck, 267; Canvas-back, 65; Greater Scaup, 15; Scaup, 122; Am. Golden-eye, 2; Buffle-head, 52; Ruddy Duck, 151; Hooded Merganser, 30; Red-breasted Merganser, 34; Turkey Vulture, 34; Black Vulture, 31; Sharp-shinned Hawk, 1; Cooper's Hawk, 1; Red-tailed Hawk, 1; Red-shouldered Hawk, 11; Golden Eagle, 1 (ad.—Burton); Bald Eagle, 7; Marsh Hawk, 18; Duck Hawk, 4; Sparrow Hawk, 5; Turkey, 2; Clapper Rail, 6; Sora, 1; Florida Gallinule, 3; Coot, 462; Oyster-catcher, 113; Semipalmated Plover, 3; Killdeer, 5; Black-bellied Plover, 27; Turnstone, 1; Woodcock, 1; Wilson's Snipe, 1; Willet, 37; Greater Yellow-legs, 15; Red-backed Sandpiper, 57; Dowitcher, 22; Semipalmated Sandpiper, 9; Western Sandpiper, 3; Marbled Godwit, 15; Sanderling, 4; Herring Gull, 45; Ring-billed Gull, 52; Laughing Gull, 1; Forster's Tern, 2; Caspian Tern, 2; Mourning Dove, 53; Belted Kingfisher, 9; Flicker, 19; Pileated Woodpecker, 22; Red-bellied Woodpecker, 20; Yellow-bellied Sapsucker, 4; Hairy Woodpecker, 5; Downy Woodpecker, 16; Red-cockaded Woodpecker, 5; Phoebe, 11; Blue Jay, 7; Crow, 252; Fish Crow, 25; Carolina Chickadee, 48; Tufted Titmouse, 33; White-breasted Nuthatch, 3; Red-breasted Nuthatch, 2; Brown-headed Nuthatch, 22; Brown Creeper, 5; House Wren, 13; Carolina Wren, 29; Mockingbird, 13; Catbird, 5; Brown Thrasher, 4; Robin, 372; Hermit Thrush, 4; Bluebird, 34; Golden-crowned Kinglet, 11; Ruby-crowned Kinglet, 39; Am. Pipit, 26; Cedar Waxwing, 20; Loggerhead Shrike, 13; Starling, 4; Blue-headed Vireo, 4; Orange-crowned Warbler, 1; Myrtle Warbler, 851; Pine Warbler, 34; Palm Warbler, 7; Yellow-throat, 14; Meadowlark, 49; Red-wing, 549; Boat-tailed Grackle, 17; Florida (?) Grackle, 62; Cowbird, 6; Cardinal, 41; Goldfinch, 48; Red-eyed Towhee, 42; White-eyed Towhee, 4; Savannah Sparrow, 12; Sharp-tailed

Sparrow, 1; Seaside Sparrow, 2; Vesper Sparrow, 60; Junco, 2; Chipping Sparrow, 81; Field Sparrow, 33; White-throated Sparrow, 76; Fox Sparrow, 6; Swamp Sparrow, 6; Song Sparrow, 61. About 450 small sandpipers seen at a distance too great to identify. **Total,** 124 species; 6953 individuals.—WILLIAM P. BALDWIN, LOUISE S. BARRINGTON, E. M. BURTON, E. B. CHAMBERLAIN, E. B. CHAMBERLAIN, JR., COURTENAY FREEMAN, JOHN FREEMAN, DON GRAY, JOHN M. LOFTON, MR. and MRS. H. S. PETERS, ELIZABETH PORCHER, GEORGE REYNARD, ALEXANDER SPRUNT, JR., ALEXANDER SPRUNT, III, GEORGE B. THORPE.

Chester, S. C. (exactly same route followed as during counts of last 7 years—pine-hardwood areas, lakeside, broomsedge fields, reforested areas).—Dec. 27; 7.45 A.M. to 3.30 P.M. Cloudy; light fog all forenoon; calm; temp. 40° at start, 51° at return. Ten miles on foot. Great Blue Heron, 1; Mallard, 4; Black Duck, 16; Blue-winged Teal, 1; Ring-necked Duck, 2; Turkey Vulture, 3; Black Vulture, 1; Cooper's Hawk, 1; Marsh Hawk, 1; Mourning Dove, 4; Screech Owl, 1; Flicker, 3; Red-bellied Woodpecker, 3; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 1; Downy Woodpecker, 4; Blue Jay, 8; Crow, 30; Carolina Chickadee, 15; Tufted Titmouse, 5; Brown Creeper, 2; Carolina Wren, 7; Mockingbird, 1; Robin, 17; Hermit Thrush, 4; Bluebird, 5; Golden-crowned Kinglet, 8; Ruby-crowned Kinglet, 16; Cedar Waxwing, 21; Starling, 5; Myrtle Warbler, 1; Pine Warbler, 1; English Sparrow, 45; Cardinal, 7; Goldfinch, 34; Red-eyed Towhee, 6; Henslow's Sparrow, 3; Junco, 61; Chipping Sparrow, 2; Field Sparrow, 155; White-throated Sparrow, 190; Swamp Sparrow, 38; Song Sparrow, 132. **Total,** 43 species; 866 individuals.—WILLIAM W. NEELY.

Atlanta, Ga. (Silver Lake, Decatur, South River, city waterworks, and all areas between).—Dec. 21; 7 A.M. to 5 P.M. Partly cloudy to clear; slight north wind; temp. 34° at start, 58° at return. Nineteen observers in 7 groups. Total miles, 115; total hours, 54. Pied-billed Grebe, 8; Great Blue Heron, 2; Mallard, 3; Ring-necked Duck, 1; Lesser Scaup, 3; Turkey Vulture, 32; Black Vulture, 18; Sharp-shinned Hawk, 1; Cooper's Hawk, 2; Red-tailed Hawk, 5; Red-shouldered Hawk, 8; Marsh Hawk, 1; Sparrow Hawk, 9; Bob-white, 11; Killdeer, 35; Wilson's Snipe, 3; Mourning Dove, 71; Screech Owl, 2; Belted Kingfisher, 6; Flicker, 40; Pileated Woodpecker, 2; Red-bellied Woodpecker, 18; Red-headed Woodpecker, 10; Yellow-bellied Sapsucker, 4; Hairy Woodpecker, 9; Downy Woodpecker, 18; Phoebe, 4; Blue Jay, 141; Crow, 128; Carolina Chickadee, 80; Tufted Titmouse, 66; White-breasted Nuthatch, 33; Red-breasted Nuthatch, 3; Brown-headed Nuthatch, 17; Brown Creeper, 24; Winter Wren, 7; Carolina Wren, 61; Mockingbird, 36; Brown Thrasher, 28; Robin, 116; Hermit Thrush, 9; Bluebird, 143; Golden-crowned Kinglet, 193; Ruby-crowned Kinglet, 48; Am. Pipit, 44; Cedar Waxwing, 57; Loggerhead Shrike, 4; Starling, 612; Myrtle Warbler, 97; Pine Warbler, 39; Yellow-throat, 4; English Sparrow, 103; Meadowlark, 153; Red-wing, 673 (partial estimate); Rusty Blackbird, 520 (partial estimate); Grackle, 2175 (partial estimate); Cowbird, 6; Cardinal, 199; Purple Finch, 34; Pine Siskin, 6; Goldfinch, 364; Towhee, 207; Savannah Sparrow, 6; Vesper Sparrow, 5; Slate-colored Junco, 363; Chipping Sparrow, 275; Field Sparrow, 326; White-throated Sparrow, 838; Fox Sparrow, 12; Swamp Sparrow, 367; Song Sparrow, 324. **Total,** 71 species; approximately 9272 individuals.—SAM SLICER, MRS. B. N. WILLINGHAM, CLEMMIE WILLINGHAM, MRS. J. C. OLIVER, MRS. J. E. BOYD, RAY C. WERNER, WALLACE DREYFOOS, ATHOS MENABONI, SARAH MENABONI, RALPH RAMSEY, THOMAS HILL, MRS. FRANCES HAMES, MRS. HUGH H. HARRIS, LOUISE GIRARDEAU, DR. PAUL E. HERING, THOMAS R. PAXTON, WILLIAM J. CORDES, GLENN W. BELL, WILLIAM W. GRIFFIN (members Atlanta Bird Club).

Fitzgerald, Ga. (area within 15-mile diameter, including woodland stream, pineland, upland fields, and 2 cypress swamps: Bowen's Mill and Lake Beatrice).—Dec. 26; 8 A.M. to 5.30 P.M. Rain and overcast in A.M. to clear in P.M.; temp. 60° at start, 58° at return. On foot and by car. Great Blue Heron, 2; Common Mallard, 2; Wood Duck, 2; Scaup, 2; Turkey Vulture, 64; Black Vulture, 30; Sharp-shinned Hawk, 1; Cooper's Hawk, 2; Red-tailed Hawk, 1; Marsh Hawk, 2; Sparrow Hawk, 3; Bob-white, 2; Killdeer, 24; Wilson's Snipe, 1; Mourning Dove, 377 (par. est.); Belted Kingfisher, 2; Flicker, 12; Red-bellied Woodpecker, 2; Red-headed Woodpecker, 2; Yellow-bellied Sapsucker, 2; Hairy Woodpecker, 3; Downy Woodpecker, 5; Red-cockaded Woodpecker, 1; Phoebe, 9; Blue Jay, 12; Crow, 4; Carolina Chickadee, 8; Tufted Titmouse, 7; Brown-headed Nuthatch, 4; Brown Creeper, 2; House Wren, 2; Winter Wren, 1; Carolina Wren, 8; Mockingbird, 6; Brown Thrasher, 2; Robin, 8; Hermit Thrush, 6; Bluebird, 20; Golden-crowned Kinglet, 7; Ruby-crowned Kinglet, 21; Am. Pipit, 145 (est.); Cedar Waxwing, 45; Shrike, 8; Starling, 3; Blue-headed Vireo, 2; Black and White Warbler, 3; Myrtle Warbler, 8; Yellow-throated Warbler, 1; Pine Warbler, 8; Palm Warbler, 38; Yellow-throat, 3; English Sparrow, 7; Meadowlark, 81; Red-wing, 12; Grackle, 22; Cowbird, 75 (est.); Cardinal, 24; Goldfinch, 8; Towhee, 16; Savannah Sparrow, 6; Vesper Sparrow, 12; Chipping Sparrow, 23; Field Sparrow, 14; White-throated Sparrow, 33; Swamp Sparrow, 26; Song Sparrow, 20. **Total,** 66 species; approximately 1314 individuals.—MILTON HOPKINS.

Mount Berry, Ga. (college, Girls' School, Victory Lake, to Boys' School and Possum Trot fields and mountain ravine; shrubbery, lawns, fields, meadows, ponds, hardwoods, pine flatwoods, mountain mixed woods).—Dec. 26; 7.45 A.M. to 2 P.M. Mostly fair, but foggy at start; light southeast wind; temp. 47° at start, 56° at return. Two observers, separate, except on drive to Boys' School. Total hours afield, 13 (2 by car); total mileage, 32 (20 by car, 12 on foot). Pied-billed Grebe, 2; Black Duck, 5; Ring-necked Duck, 39; Turkey Vulture, 3; Black Vulture, 3; Red-tailed Hawk, 2; Red-shouldered Hawk, 1; Marsh Hawk, 2; Sparrow Hawk, 3; Bob-white, 8; Killdeer, 1; Mourning Dove, 38; Flicker, 9; Red-bellied Woodpecker, 3; Red-headed Woodpecker,

2; Yellow-bellied Sapsucker, 3; Downy Woodpecker, 5; Red-cockaded Woodpecker, 1; Phoebe, 1; Blue Jay, 12; Crow, 25; Carolina Chickadee, 12; Tufted Titmouse, 36; White-breasted Nuthatch, 9; Brown Creeper, 2; Carolina Wren, 3; Mockingbird, 4; Brown Thrasher, 2; Hermit Thrush, 2; Bluebird, 44; Golden-crowned Kinglet, 17; Ruby-crowned Kinglet, 7; Cedar Waxwing, 25; Loggerhead Shrike, 1; Starling, 12; Myrtle Warbler, 15; Pine Warbler, 5; English Sparrow, 5; Meadowlark, 41; Purple Grackle, 3; Cowbird, 4; Cardinal, 9; Goldfinch, 36; Towhee, 40; Savannah Sparrow, 20; Slate-colored Junco, 24; Field Sparrow, 79; White-throated Sparrow, 16; Song Sparrow, 23. **Total,** 49 species; 664 individuals.—LYNDS JONES, HAROLD C. JONES.

Piedmont National Wildlife Refuge, Round Oak, Ga. (refuge headquarters to Juliette via transit station No. 179, then to transit station No. 93, Hillsboro, Round Oak, Hungerford's Lake, Bradley, Wayside and Five Points Lake; return via Finney Forks).—Dec. 27; 6.30 A.M. to 5.30 P.M. Cloudy all day; no wind; temp. 34° at start, 38° at return. Five observers in 3 parties. Total hours afield, 21 (11 afoot, 10 by car); total party miles, 116 (12 afoot, 104 by car). Horned Grebe, 1; Great Blue Heron, 2; Turkey Vulture, 11; Black Vulture, 14; Sharp-shinned Hawk, 1; Cooper's Hawk, 1; Red-tailed Hawk, 5; Red-shouldered Hawk, 1; Marsh Hawk, 1; Sparrow Hawk, 4; Bob-white, 7 (1 covey); Mourning Dove, 385; Great Horned Owl, 3 (heard); Belted Kingfisher, 2; Flicker, 18; Red-bellied Woodpecker, 6; Yellow-bellied Sapsucker, 7; Hairy Woodpecker, 3; Downy Woodpecker, 7; Red-cockaded Woodpecker, 2; Phoebe, 6; Blue Jay, 35; Crow, 28; Carolina Chickadee, 20; Tufted Titmouse, 15; Brown-headed Nuthatch, 10; Brown Creeper, 3; House Wren, 1; Winter Wren, 3; Bewick's Wren, 4; Carolina Wren, 14; Long-billed Marsh Wren, 2; Mockingbird, 21; Brown Thrasher, 2; Robin, 125; Hermit Thrush, 17; Bluebird, 36; Golden-crowned Kinglet, 20; Ruby-crowned Kinglet, 5; Cedar Waxwing, 106 (est.); Loggerhead Shrike, 3; Starling, 10; Myrtle Warbler, 12; Pine Warbler, 9; English Sparrow, 50; Meadowlark, 244 (est.); Red-wing, 327 (est.); Rusty Blackbird, 8; Purple Grackle, 40; Cardinal, 26; Purple Finch, 12; Goldfinch, 60; Red-eyed Towhee, 38; Savannah Sparrow, 25; Vesper Sparrow, 1; Bachman's Sparrow, 1; Slate-colored Junco, 229; Chipping Sparrow, 88; Field Sparrow, 213 (est.); White-throated Sparrow, 55; Fox Sparrow, 2; Swamp Sparrow, 14; Song Sparrow, 92. **Total,** 63 species; approximately 2513 individuals.—RAYMOND J. FLEETWOOD, JOE MORTON, JAMES SILVER, FRANK A. SCOTT, IRIS G. FLEETWOOD.

Savannah, Ga. (Savannah River reservation, Port Wentworth to Georgia-Carolina bridge, cypress-maple-pine woods to south, old rice fields to north; County Farm, Rosario Gardens, Wormsloe, Thunderbolt; pine woods, fields, salt-water creeks).—Dec. 27; 9.30 A.M. to 1.30 P.M., 2.30 to 4.30 P.M. Overcast; light to hard rain; wind south; temp. 48° at start, 68° at return. Nine observers working in 2 parties. Total party hours afield, 44 (35 afoot, 9 by car); total party miles, 154 (35 afoot, 119 by car). Florida Cormorant, 5; Great Blue Heron, 50; Am. Egret, 5; Snowy Egret, 25; Little Blue Heron, 29; Am. Bittern, 1; Canada Goose, 15; Black Duck, 12,500 (est.); Mallard, 1700 (est.); Pintail, 12,000 (est.); Green-winged Teal, 50; Blue-winged Teal, 500 (est.); Shoveller, 500 (est.); Wood Duck, 100 (est.); Redhead, 50; Ring-necked Duck, 1000 (est.); Canvas-back, 50; Lesser Scaup, 700 (est.); Bufflehead, 25; Ruddy Duck, 1000 (est.); Hooded Merganser, 50; Wild Turkey, 2; Turkey Vulture, 40; Red-shouldered Hawk, 10; Bald Eagle, 5; Marsh Hawk, 14; Duck Hawk, 1; Sparrow Hawk, 1; Coot, 500 (est.); Wilson's Snipe, 1000 (est.); Lesser Yellow-legs, 1; Herring Gull, 16; Mourning Dove, 511; Ground Dove, 11; Barn Owl, 1; Flicker, 5; Downy Woodpecker, 1; Phoebe, 3; Tree Swallow, 10,000 (est.); Blue Jay, 13; Crow, 2000 (est.); Fish Crow, 500 (est.); Carolina Chickadee, 71; Tufted Titmouse, 2; House Wren, 2; Winter Wren, 1; Carolina Wren, 1; Short-billed Marsh Wren, 1; Worthington's Marsh Wren, 50; Mockingbird, 18; Catbird, 4; Brown Thrasher, 14; Hermit Thrush, 9; Robin, 560; Ruby-crowned Kinglet, 61; Loggerhead Shrike, 6; Starling, 500 (est.); White-eyed Vireo, 1; Myrtle Warbler, 90; Meadowlark, 55; Red-wing, 28; Boat-tailed Grackle, 1000 (est.); English Sparrow, 31; Cardinal, 26; Goldfinch, 52; Red-eyed Towhee, 8; Sharp-tailed Sparrow, 35; Chipping Sparrow, 1; White-throated Sparrow, 52; Grasshopper Sparrow, 1; Swamp Sparrow, 12; Song Sparrow, 27. **Total,** 72 species; approximately 47,709 individuals.—EDWIN P. CREASER, ANN REDDY, MARIE REDDY, EDNA PIGMAN, JAMES B. COPPS, JULIAN E. WINGO, MARY WINGO, MAY WALSH, MAY CAIN.

Sherwood Plantation (Grady Co.), Ga. (within 1500-acre area of upland fields, cultivated and fallow (10%), pineland (75%), and mixed hardwoods with small pond).—Dec. 25; 6.30 A.M. to 6.30 P.M. Heavily overcast with occasional sprinkle; southeasterly wind; temp. 50° at start, 62° at return. By car and on foot. Great Blue Heron, 1; Ring-necked Duck, 1; Turkey Vulture, 1; Black Vulture, 6; Cooper's Hawk, 1; Red-tailed Hawk, 5; Red-shouldered Hawk, 2; Marsh Hawk, 1; Sparrow Hawk, 4; Bob-white, 38 (2 coveys, 3 more heard whistling at daylight from roost spots); Mourning Dove, 71; Great Horned Owl, 3 (heard); Barred Owl, 2 (heard); Belted Kingfisher, 1; Flicker, 5; Pileated Woodpecker, 9; Red-bellied Woodpecker, 13; Yellow-bellied Sapsucker, 6; Hairy Woodpecker, 2; Downy Woodpecker, 9; Red-cockaded Woodpecker, 5; Phoebe, 7; Blue Jay, 6; Crow, 21; Chickadee, 12; Tufted Titmouse, 15; White-breasted Nuthatch, 16; Brown-headed Nuthatch, 12; Brown Creeper, 4; House Wren, 6; Carolina Wren, 18; Short-billed Marsh Wren, 1; Mockingbird, 10; Brown Thrasher, 9; Hermit Thrush, 7; Bluebird, 32; Ruby-crowned Kinglet, 24; Pipit, 2; Loggerhead Shrike, 2; Blue-headed Vireo, 2; Black and White Warbler, 4; Orange-crowned Warbler, 1; Myrtle Warbler 80 (partly est.); Yellow-throated Warbler, 1; Pine Warbler, 102 (partly est.); Palm Warbler, 14; Yellow-throat, 10; English Sparrow,

26; Red-wing, 26; Cardinal, 51; Goldfinch, 96 (partly est.); Towhee, 16 (both Red-eyed and Alabama Towhees represented); Vesper Sparrow, 56; Bachman's Sparrow, 4; Chipping Sparrow, 15; Field Sparrow, 145 (partly est.); White-throated Sparrow, 30; Fox Sparrow, 5; Swamp Sparrow, 7; Song Sparrow, 15. **Total,** 60 species; about 1096 individuals.—HERBERT L. STODDARD.

Tifton, Ga. (area within 5-mile diameter, including upland fields, pineland, and 3 ponds).—Dec. 23; 7.45 A.M. to 2 P.M. Overcast and almost constant rain; wind southeast, light to strong; temp. 63° at start. Observers largely together, on foot. Pied-billed Grebe, 1; Great Blue Heron, 2; Scaup, 1; Red-breasted Merganser, 3; Turkey Vulture, 7; Black Vulture, 1; Sharp-shinned Hawk, 1; Sparrow Hawk, 2; Bob-white, 10 (1 covey); Killdeer, 30; Wilson's Snipe, 5; Mourning Dove, 14; Ground Dove, 11; Kingfisher, 1; Flicker, 1; Red-bellied Woodpecker, 1; Yellow-bellied Sapsucker, 1; Downy Woodpecker, 1; Phoebe, 3; Blue Jay, 5; Crow, 8; Carolina Chickadee, 2; Tufted Titmouse, 3; Brown-headed Nuthatch, 6; Brown Creeper, 1; House Wren, 4; Carolina Wren, 3; Mockingbird, 5; Catbird, 1; Brown Thrasher, 1; Bluebird, 22; Ruby-crowned Kinglet, 5; Am. Pipit, 5; Loggerhead Shrike, 2; Starling, 6; Blue-headed Vireo, 2; Myrtle Warbler, 92 (partly est.); Pine Warbler, 1; Palm Warbler, 2; Yellow-throat, 3; Meadowlark, 20; Grackle, 2; Cardinal, 11; Goldfinch, 1; Towhee, 22; Savannah Sparrow, 12; Vesper Sparrow, 21; Chipping Sparrow, 44 (partly est.); Field Sparrow, 2; White-throated Sparrow, 21; Swamp Sparrow, 12; Song Sparrow, 9. **Total,** 52 species; approximately 452 individuals.—MILTON HOPKINS, CHARLES NORRIS, ROBERT NORRIS.

Great White Heron National Wildlife Refuge, Key West, Fla. (in boat from Key West to Waltz, Snipe, Mud, Harbor and Bay keys, along Gulf and Calda Channel to docks and outer harbors; in car and on foot about Key West, to Stock Island, Boca Chica, Geigers, Bird, and Saddlebunch keys to Sugarloaf Creek and return).—Dec. 26; 7 A.M. to 6 P.M. Clear; no wind; temp. 76° at start, 80° at return. Two observers. Total hours afield, 11 (5 in boat, 6 in car and on foot); total miles in boat, 50; in car and on foot, 45. Brown Pelican, 97; Cormorant, 6; Man-o-war-bird, 27; Great White Heron, 52; Ward's Heron, 35; Würdemann's Heron, 8; Am. Egret, 4; Louisiana Heron, 21; Little Blue Heron, 20; Yellow-crowned Night Heron, 7; Am. Merganser, 76; Red-breasted Merganser, 29; Turkey Vulture, 25; Marsh Hawk, 1; Osprey, 11; Duck Hawk, 1; Sparrow Hawk, 16; Semipalmated Plover, 16; Killdeer, 2; Black-bellied Plover, 9; Spotted Sandpiper, 2; Willet, 60; Greater Yellow-legs, 1; Sanderling, 1; Herring Gull, 24; Ring-billed Gull, 4; Laughing Gull, 280; Royal Tern, 56; Caspian Tern, 4; Mourning Dove, 1; Ground Dove, 1; Belted Kingfisher, 8; Yellow-bellied Sapsucker, 1; Scissor-tailed Flycatcher, 2; Mockingbird, 3; Catbird, 4; Yellow-throated Warbler, 1; Prairie Warbler, 1; Western Palm Warbler, 9; Oven-bird, 1; Redstart, 1; English Sparrow, 4; Red-wing, 2. **Total,** 43 species; 934 individuals.—JOSEPH E. WARREN, EARLE R. GREENE.

Jacksonville Beach, Fla.—Dec. 24; 7.30 A.M. to 5 P.M. Fair, slight wind; temp. 68° at start, 70° at return. Total miles, 45 (5 on foot, 40 by car). Pied-billed Grebe, 3; Brown Pelican, 23; Cormorant, 1; Ward's Heron, 4; Am. Egret, 6; Snowy Egret, 2; Louisiana Heron, 2; Little Blue Heron, 11; Baldpate, 12; Ring-necked Duck, 2; Scaup, 2; Hooded Merganser, 3; Red-breasted Merganser, 6; Turkey Vulture, 4; Bald Eagle, 1; Sparrow Hawk, 1; Clapper Rail, 4; Florida Gallinule, 10; Coot, 50; Semipalmated Plover, 4; Killdeer, 2; Black-bellied Plover, 8; Ruddy Turnstone, 12; Willet, 7; Least Sandpiper, 9; Sanderling, 15; Herring Gull, 155; Ring-billed Gull, 275; Laughing Gull, 500 (est.); Common Tern, 15; Royal Tern, 55; Black Skimmer, 25; Ground Dove, 3; Belted Kingfisher, 5; Flicker, 2; Red-bellied Woodpecker, 2; Phoebe, 8; Tree Swallow, 55; Blue Jay, 1; Crow, 150; Fish Crow, 10; Chickadee, 5; Tufted Titmouse, 12; House Wren, 3; Carolina Wren, 2; Mockingbird, 4; Catbird, 5; Brown Thrasher, 1; Robin, 50; Hermit Thrush, 4; Bluebird, 3; Ruby-crowned Kinglet, 8; Pipit, 1; Loggerhead Shrike, 1; White-eyed Vireo, 6; Blue-headed Vireo, 2; Orange-crowned Warbler, 1; Myrtle Warbler, 40; Yellow-throated Warbler, 2; Pine Warbler, 1; Western Palm Warbler, 7; Yellow-throat, 4; English Sparrow, 10; Meadowlark, 6; Red-wing, 30; Boat-tailed Grackle, 50; Cardinal, 10; Goldfinch, 3; Red-eyed Towhee, 20; White-eyed Towhee, 2; White-throated Sparrow, 1; Fox Sparrow, 1; Swamp Sparrow, 1. **Total,** 73 species; approximately 1761 individuals.—MOFFITT HOWELL.

Merritt's Island, Fla. (Titusville and vicinity; causeway and east on island to Atlantic Ocean; same territory as covered in previous years).—Dec. 21; 5.45 A.M. to 6 P.M. Clear most of day; slight cloudiness at times; wind east, light in early morning, brisker by midmorning; temp. 52° at start, 64° at return. Eight observers in 5 parties in morning, 3 parties in afternoon. Total party hours afield, 47 (mostly afoot); total party miles, 125 (90 by auto, 35 afoot). Loon, 1; Horned Grebe, 8; Pied-billed Grebe, 21; White Pelican, 9; Brown Pelican, 500 (est.); Gannet, 100 (est.); Double-crested and Florida Cormorants, 1000 (est.); Ward's Heron, 26; Am. Egret, 19; Snowy Egret, 8; Louisiana Heron, 52; Little Blue Heron, 44; Am. Bittern, 1; Wood Ibis, 10; Black Duck, 35; Florida Duck, 4; Baldpate, 170; Pintail, 85; Green-winged Teal, 1; Blue-winged Teal, 225; Shoveller, 10; Ring-necked Duck, 15; Greater and Lesser Scaups, 625; Am. Merganser, 2; Red-breasted Merganser, 2; Turkey Vulture, 45; Black Vulture, 5; Cooper's Hawk, 1; Red-tailed Hawk, 3; Red-shouldered Hawk, 3; Bald Eagle, 8; Marsh Hawk, 18; Osprey, 1; Duck Hawk, 2; Pigeon Hawk, 4; Sparrow Hawk, 29; Bob-white, 24; King Rail, 1; Clapper Rail, 26; Virginia Rail, 1 (L. C.); Sora, 8; Florida Gallinule, 1; Coot, 1; Semipalmated Plover, 1; Killdeer, 23; Golden Plover, 2 [no details–ED.]; Black-bellied Plover, 27; Turnstone, 26; Woodcock, 1; Wilson's Snipe, 5; Willet, 6; Greater Yellow-legs, 9; Lesser Yellow-legs, 9; Red-backed Sandpiper, 55; Semipalmated Sandpiper, 18; sandpiper (sp.?), 15; Sanderling,

7; Herring Gull, 66; Ring-billed Gull, 123; Bonaparte's Gull, 1; Forster's Tern, 4; Roseate Tern, 1 (D. J. N.); Royal and Caspian Terns, 76; Skimmer, 27; Mourning Dove, 9; Ground Dove, 10; Great Horned Owl, 6; owl (sp. ?), 1; Kingfisher, 24; Flicker, 15; Pileated Woodpecker, 1; Red-bellied Woodpecker, 7; Hairy Woodpecker, 1; Downy Woodpecker, 1; Red-cockaded Woodpecker, 3; Phoebe, 12; Tree Swallow, 2600 (est.); Blue Jay, 37; Florida Jay, 6; Crow, 1; Fish Crow, 1000 (est.); Gray-headed Nuthatch, 7; House Wren, 6; Winter Wren, 3; Carolina Wren, 11; Long-billed Marsh Wren, 1; Short-billed Marsh Wren, 4; Mockingbird, 76; Catbird, 39; Brown Thrasher, 4; Robin, 2; Bluebird, 4; Gnatcatcher, 8; Ruby-crowned Kinglet, 7; Shrike, 21; White-eyed Vireo, 3; Myrtle Warbler, 160; Pine Warbler, 7; Prairie Warbler, 2; Western Palm Warbler, 18; Yellow-throat, 36; English Sparrow, 5; Meadowlark, 11; Red-wing, 345; Boat-tailed Grackle, 400 (est.); Florida Grackle, 11; Cardinal, 31; Goldfinch, 13; White-eyed Towhee, 18; Savannah Sparrow, 39; Sharp-tailed Sparrow (sp.?), 11; Dusky Seaside Sparrow, 15 (H. H. S. and D. J. N.—singing birds heard by D. J. N.); Pine-woods Sparrow, 1; Chipping Sparrow, 13; Swamp Sparrow, 43; sparrow (sp.?), 2. **Total,** 119 species; approximately 8767 individuals.—Howard Ballentine, Dr. Louis Christensen, Edward M. Davis, Hugh Davis, Donald J. Nicholson, Hugo H. Schroder, M. J. Westfall, Jr., T. DeWitt Taylor.

Pensacola, Fla. (territory covered was included within a 15-mile diameter circle and, with minor variations, was the same as covered in 1933–40).—Dec. 21; 7 A.M. to 1 P.M. and 2.30 to 5.30 P.M. Partly cloudy; 12-mile wind from north in A.M., shifting to east and increasing to 20-mile in P.M.; temp. 50° at start, 62° at return. Four observers in 2 parties in A.M., all together in P.M. Total party hours afield, 15 (7 on foot, 8 by car); total party miles, 105 (6 on foot, 99 by car). Common Loon, 7; Horned Grebe, 1; Pied-billed Grebe, 2; Brown Pelican, 6; Double-crested Cormorant, 92 (includes flock of 75, est.); Great Blue Heron, 1; Lesser Scaup, 255 (includes several flocks of about 50); Golden-eye, 6; Buffle-head, 2; Red-breasted Merganser, 6; Turkey Vulture, 3; Cooper's Hawk, 1; Red-shouldered Hawk, 3; Bald Eagle, 1 (on nest); Sparrow Hawk, 8; Piping Plover, 1; Cuban Snowy Plover, 5; Killdeer, 12; Black-bellied Plover, 11; Wilson's Snipe, 1; Red-backed Sandpiper, 7; Sanderling, 36 (includes flock of 30); Herring Gull, 121 (partly est.); Ring-billed Gull, 104 (partly est.); Laughing Gull, 25; Bonaparte's Gull, 2; Royal Tern, 4; Mourning Dove, 4; Screech Owl, 1 (freshly killed specimen found in road); Barred Owl, 1; Belted Kingfisher, 4; Flicker, 12; Red-bellied Woodpecker, 7; Red-headed Woodpecker, 2; Yellow-bellied Sapsucker, 2; Downy Woodpecker, 4; Phoebe, 7; Blue Jay, 27; Common Crow and Fish Crow, 23 (some of each species identified); Carolina Chickadee, 13; Tufted Titmouse, 26; Brown Creeper, 1; House Wren, 12; Carolina Wren, 10; Long-billed Marsh Wren, 1; Mockingbird, 29; Brown Thrasher, 4; Robin, 19; Hermit Thrush, 1; Bluebird, 18; Golden-crowned Kinglet, 5; Ruby-crowned Kinglet, 46; Pipit, 125 (2 flocks); Cedar Waxwing, 37 (2 flocks); Loggerhead Shrike, 19; Starling, 110; Orange-crowned Warbler, 1; Myrtle Warbler, 333 (partly est.); Pine Warbler, 16; Western Palm and Yellow Palm Warblers, 13 (some typical birds of each form identified); English Sparrow, 168 (partly est.); Meadowlark, 59; Red-wing, 51 (partly est.); Cardinal, 8; Goldfinch, 74; Towhee, 11; Savannah Sparrow, 6; Vesper Sparrow, 15; Bachman's Sparrow, 1; Field Sparrow, 6; White-throated Sparrow, 68; Swamp Sparrow, 10. **Total,** 74 species and subspecies; 2133 individuals.—Frank Bray, Alan C. Sheppard, A. F. Wicke, Jr., Francis M. Weston.

St. Marks National Wildlife Refuge, St. Marks, Fla. (from refuge headquarters to Tram Road, to junction with Outer Dike, to Lighthouse Road and St. Marks Lighthouse; by boat 6 miles up St. Marks River; by car to Port Leon, then to Newport and St. Marks, walking through piney flat woods near Newport and back to car where count ended).—Dec. 26; 7 A.M. to 6 P.M. Partly cloudy; wind north, light until 10 A.M., then to fresh intensity rest of the day; temp. 66° at start, 50° at finish. One party, 2 observers. Total hours afield, 11 (6 by car, 3 on foot, 2 by boat); total party miles, 52 (36 by car, 12 by boat, 4 on foot). Common Loon, 15; Holboell's Grebe, 2; Pied-billed Grebe, 12; Brown Pelican, 12; Double-crested Cormorant, 74; Water-Turkey, 2; Great Blue Heron, 9; Am. Egret, 335; Snowy Egret, 5; Louisiana Heron, 3; Little Blue Heron, 6; White Ibis, 1; Canada Goose, 550; Mallard, 5; Black Duck, 23; Gadwall, 9; Baldpate, 23; Pintail, 33; Green-winged Teal, 37; Blue-winged Teal, 3; Shoveller, 21; Redhead, 1; Ring-necked Duck, 74; Lesser Scaup, 440; Buffle-head, 3; Ruddy Duck, 1; Hooded Merganser, 4; Am. Merganser, 1; Red-breasted Merganser, 62; Turkey Vulture, 15; Black Vulture, 10; Red-tailed Hawk, 2; Red-shouldered Hawk, 7; Bald Eagle, 6; Marsh Hawk, 3; Sparrow Hawk, 5; Bob-white, 1; Clapper Rail, 3; Florida Gallinule, 8; Coot, 108; Semipalmated Plover, 1; Killdeer, 2; Black-bellied Plover, 2; Ruddy Turnstone, 7; Wilson's Snipe, 1; Willet, 2; Lesser Yellow-legs, 1; Least Sandpiper, 20; Red-backed Sandpiper, 5; Dowitcher, 10; Semipalmated Sandpiper, 7; Sanderling, 1; Herring Gull, 39; Ring-billed Gull, 80; Common Tern, 6; Caspian Tern, 1; Mourning Dove, 20; Great Horned Owl, 1; Barred Owl, 1; Belted Kingfisher, 7; Flicker, 4; Pileated Woodpecker, 1; Red-bellied Woodpecker, 3; Yellow-bellied Sapsucker, 1; Downy Woodpecker, 1; Red-cockaded Woodpecker, 1; Phoebe, 9; Tree Swallow, 31; Blue Jay, 14; Crow, 11; Chickadee, 1; House Wren, 2; Carolina Wren, 1; Catbird, 1; Mockingbird, 12; Brown Thrasher, 1; Robin, 54; Bluebird, 18; Blue-gray Gnatcatcher, 1; Golden-crowned Kinglet, 2; Loggerhead Shrike, 4; Starling, 1; Myrtle Warbler, 117; Pine Warbler, 7; Palm Warbler, 1; English Sparrow, 6; Meadowlark, 19; Red-wing, 25; Boat-tailed Grackle, 62; Purple Grackle, 3; Cardinal, 3; Goldfinch, 3; Towhee, 12; Savannah Sparrow, 1; White-throated Sparrow, 6; Song Sparrow, 8. **Total,** 95 species; 2595 individuals.—Lawrence S. Givens, Francis J. Ernisse.

St. Petersburg, Fla. (Pinellas peninsula south of Largo, including Gulfport, Pass-a-Grille, St. Petersburg and the beaches).—Dec. 23; 7.40 A.M. to 4 P.M. Cloudy; strong wind most of the day; temp. 64° to 78°. Seven observers working in 4 parties afield. Total, 32½ hours, 153 miles by car, 3½ miles on foot. Common Loon, 2; Pied-billed Grebe, 20; White Pelican, 50; Brown Pelican, 266; Florida Cormorant, 244; Man-o'-war-bird, 14; Great Blue and Ward's Herons, 10; [how separated?–ED.]; Am. Egret, 41; Snowy Egret, 45; Louisiana Heron, 40; Little Blue Heron, 47; Green Heron, 1; Yellow-crowned Night Heron, 8; Wood Ibis, 23; White Ibis, 22; Lesser Scaup, 1002; Red-breasted Merganser, 108; Turkey Vulture, 50; Black Vulture, 28; Sharp-shinned Hawk, 1; Cooper's Hawk, 4; Red-shouldered Hawk, 1; Bald Eagle, 14; Marsh Hawk, 3; Osprey, 1; Sparrow Hawk, 21; Bob-white, 26; Florida Gallinule, 5; Coot, 10; Oyster-catcher, 2; Piping Plover, 10; Semipalmated Plover, 94; Wilson's Plover, 165; Killdeer, 65; Black-bellied Plover, 78; Ruddy Turnstone, 70; Wilson's Snipe, 2; Spotted Sandpiper, 3; Willet, 65; Greater Yellow-legs, 19; Knot, 68; Least Sandpiper, 43; Red-backed Sandpiper, 287; Dowitcher, 130; Semipalmated Sandpiper, 388; Sanderling, 116; Herring Gull, 248; Ring-billed Gull, 397; Laughing Gull, 269; Forster's Tern, 67; Least Tern, 2 (Miss Quirin, Mrs. Thomas) [no further details–ED.]; Royal Tern, 911; Cabot's Tern, 9; Caspian Tern, 2; Black Skimmer, 1100 (est.); Mourning Dove, 63; Ground Dove, 26; Kingfisher, 28; Flicker, 11; Red-bellied Woodpecker, 22; Red-headed Woodpecker, 3; Downy Woodpecker, 2; Phoebe, 7; Blue Jay, 7; Fish Crow, 35; Tufted Titmouse, 5; House Wren, 1; Carolina Wren, 1; Mockingbird, 101; Catbird, 3; Robin, 21; Bluebird, 66; Blue-gray Gnatcatcher, 8; Ruby-crowned Kinglet, 1; Loggerhead Shrike, 21; White-eyed Vireo, 1; Blue-headed Vireo, 1; Black and White Warbler, 1; Myrtle Warbler, 206; Pine Warbler, 57; Prairie Warbler, 1; Palm Warbler, 171; Yellow-throat, 3; English Sparrow, 6; Meadowlark, 23; Red-wing, 302; Boat-tailed Grackle, 368; Florida Grackle, 5; Cardinal, 5; Painted Bunting, 1 (Mrs. Morrison); Goldfinch, 151; Towhee, 5; Savannah Sparrow, 44; Sharp-tailed Sparrow, 6; Vesper Sparrow, 6; Chipping Sparrow, 8; White-throated Sparrow, 1. **Total,** 97 species; approximately 8521 individuals—W. G. FARGO, MR. and MRS. E. W. HALPENNY, MARJORIE QUIRIN, MRS. CLARA I. THOMAS, MARIE G. WILLSON, MRS. DAISIE M. MORRISON (members Florida West Coast Bird Club and Bird and Tree Circle of the St. Petersburg Garden Club).

Ashland, Ohio (Charles Mill Dam Game Refuge, about the same territory as last year).—Dec. 21; 8 A.M. to 4.15 P.M. Clear; light south wind; ground bare; lake frozen with exception of scattered stretches of open water; temp. 22° at start, 35° at return. All observers together. Total miles by car, 25; 5 miles on foot; 1½ hours by car; 6¼ hours on foot. Great Blue Heron, 2; Canada Goose, 7; Mallard, 200 (est.); Black Duck, 400 (est.); Baldpate, 4; Pintail, 6; Hooded Merganser, 2; Am. Merganser, 2; Bald Eagle, 1; Pheasant, 6; Flicker, 2; Hairy Woodpecker, 2; Downy Woodpecker, 11; Blue Jay, 5; Chickadee, 7; Tufted Titmouse, 14; White-breasted Nuthatch, 11; Brown Creeper, 2; Carolina Wren, 1; Bluebird, 1; Starling, 1; English Sparrow, 14; Cardinal, 23; Goldfinch, 3; Junco, 16; Tree Sparrow, 250 (est.); Swamp Sparrow, 1; Song Sparrow, 17. **Total,** 28 species; approximately 1011 individuals. One unidentified owl was seen.—CARL WARREN, ROBERT WINCHELL, JAMES CROSS, BURTON C. KAHL.

Ashtabula, Ohio (Lake Erie shore from west of Ashtabula to Conneaut, 14 miles, and most of the lake plain, from shore inland 4 miles).—Dec. 21; 7.30 A.M. to 5.30 P.M. Unusually clear and bright sunshine all day; no wind; temp. 24° to 42°; ground frozen, but nearly all water unfrozen. About 52 miles by auto, 51 man-miles on foot. Observers together most of day but working parallel survey lines about 200 yards apart. All unusual species were checked by L. E. H. and most of them were observed by several members of the party. Common Loon, 1; Horned Grebe, 1; Pied-billed Grebe, 2; Double-crested Cormorant, 1; Whistling Swan, 2 (present during last 2 months); Mallard, 39; Black Duck, 136; European Widgeon, 1; Pintail, 2; Green-winged Teal, 1; Redhead, 11; Ring-necked Duck, 6; Canvas-back, 2; Greater (?) Scaup, 6; Lesser Scaup, 474; Am. Golden-eye, 163; Buffle-head, 5; Old-squaw, 85; White-winged Scoter, 2; Ruddy Duck, 1; Hooded Merganser, 3; Am. Merganser, 231; Red-breasted Merganser, 5; Cooper's Hawk, 1; Rough-legged Hawk, 1; Sparrow Hawk, 2; Ruffed Grouse, 4; Bob-white, 12; Pheasant, 2; Coot, 2; Purple Sandpiper, 1 (feeding among algae on breakwater); Red-backed Sandpiper, 1; Sanderling, 2 (coll.); Great Black-backed Gull, 1; Herring Gull, 930; Ring-billed Gull, 115; Bonaparte's Gull, 295; Little Gull, 1 (also seen Nov. 4 and Dec. 22); Mourning Dove, 1; Screech Owl, 1; Snowy Owl, 3 (2 additional, 1 alive and 1 dead, on next day); Barred Owl, 1; Kingfisher, 2; Flicker, 2; Pileated Woodpecker, 1; Red-bellied Woodpecker, 1; Hairy Woodpecker, 8; Downy Woodpecker, 12; Horned Lark (subsp. ?), 65; Blue Jay, 5; Crow, 7; Black-capped Chickadee, 82; Tufted Titmouse, 3; White-breasted Nuthatch, 14; Brown Creeper, 2; Catbird, 1 (collected, first northeastern Ohio winter record); Golden-crowned Kinglet, 8; Cedar Waxwing, 10; Northern (?) Shrike, 1; Starling, 106; English Sparrow, 328; Cardinal, 18; Purple Finch, 2; Common Redpoll, 10; Pine Siskin, 160; Goldfinch, 4; White-winged Crossbill, 1; Junco, 8; Tree Sparrow, 76; Song Sparrow, 1; Lapland Longspur, 174; Snow Bunting, 1210 (numerous flocks). **Total,** 72 species; 5889 individuals. This is the most remarkable assemblage of northern visitors, and the second best representation of waterfowl observed during the last ten censuses.—LAWRENCE E. HICKS, DANIEL L. LEEDY, ROBERT H. MILLS, HARRY L. BARRY, WILLIAM R. BAZLER, NELSON P. THOMSON (Ohio Wildlife Research Station, Columbus).

Buckeye Lake, Ohio (same territory as in past 7 years).—Dec. 28; daylight to dark. Heavy clouds; light snow flurries in morning; visibility very poor; ground unfrozen, wet but firm; lake open; wind, west, 7 to 16 m. p. h.; temp., min.

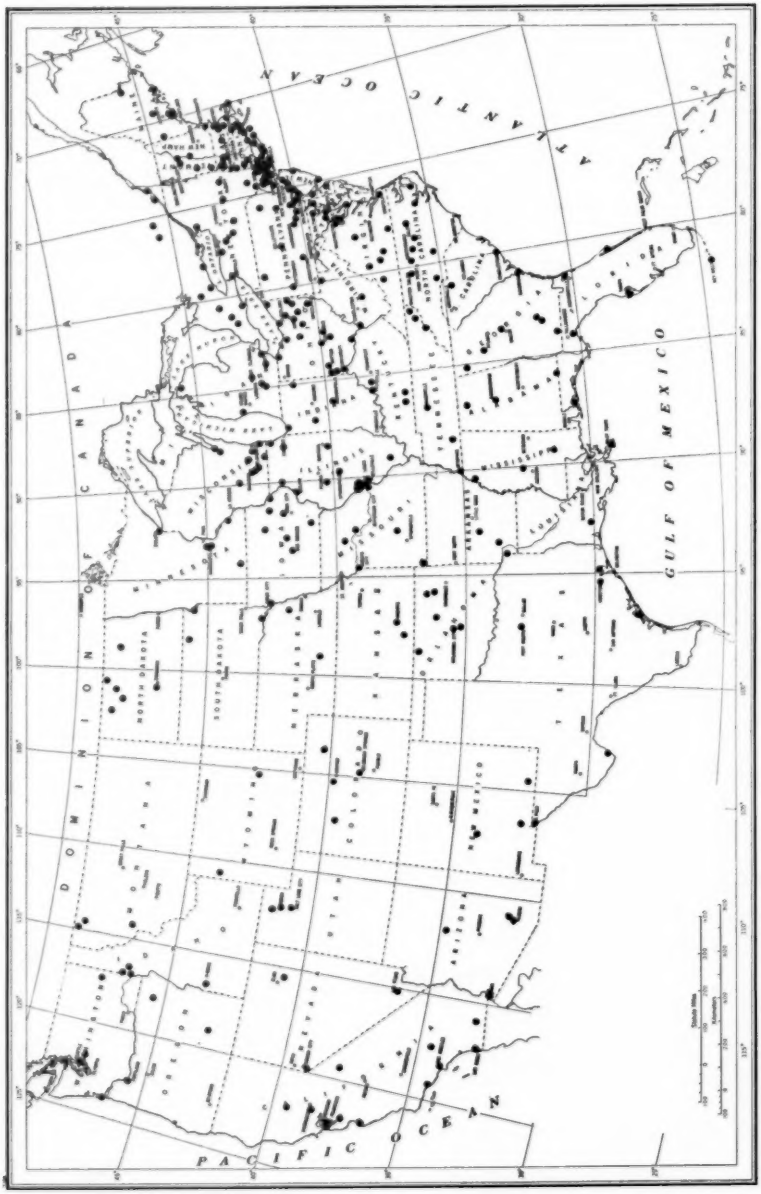
30°, max. 32° at 10 A.M. Twenty-six observers working in 4 parties, these subdividing on occasion. Total party hours afield, 146; total party miles, 251; afoot, 109; by car, 142. Horned Grebe, 1; Great Blue Heron, 1; Black-crowned Night Heron, 1; Canada Goose, 21; Mallard, 164; Black Duck, 1050; Gadwall, 1; Baldpate, 155; Pintail, 3; Shoveller, 4; Redhead, 8; Ring-necked Duck, 2; Canvas-back, 9; Lesser Scaup, 42; Golden-eye, 50; Buffle-head, 3; Ruddy Duck, 2; Hooded Merganser, 8; Am. Merganser, 252; Sharp-shinned Hawk, 2; Cooper's Hawk, 8; Red-tailed Hawk, 1; Red-shouldered Hawk, 3; Rough-legged Hawk, 1; Marsh Hawk, 10; Osprey, 1 [no details–Ed.]; Sparrow Hawk, 26; Bob-white, 179 (15 coveys); Pheasant, 10; Virginia Rail, 1; Coot, 8; Woodcock, 2; Wilson's Snipe, 7; Herring Gull, 52; Ring-billed Gull, 5; Mourning Dove, 225; Screech Owl, 7; Barred Owl, 4; Short-eared Owl, 1; Kingfisher, 4; Flicker, 55; Red-bellied Woodpecker, 22; Red-headed Woodpecker, 40; Hairy Woodpecker, 24; Downy Woodpecker, 177; Horned Lark, 2; Blue Jay, 101; Crow, 552; Carolina Chickadee, 297; Tufted Titmouse, 206; White-breasted Nuthatch, 199; Red-breasted Nuthatch, 12; Brown Creeper, 29; Winter Wren, 2; Carolina Wren, 21; Prairie Marsh Wren, 8; Short-billed Marsh Wren, 1; Robin, 18; Bluebird, 34; Golden-crowned Kinglet, 7; Cedar Waxwing, 1; Starling, 484; English Sparrow, 1013; Meadowlark, 9; Red-wing, 129; Rusty Blackbird, 2; Bronzed Grackle, 1; Cowbird, 17; Cardinal, 383; Goldfinch, 22; Towhee, 8; Junco, 121; Tree Sparrow, 1056; Swamp Sparrow, 7; Song Sparrow, 290; Lapland Longspur, 2. **Total,** 76 species; 7686 individuals.—Harry L. Barry, Donald J. Borror, Audrey H. Claugus, Harry Fabert, Robert M. Geist, Robert M. Geist, Jr., Gareth Gilbert, John C. Harlor, Lawrence E. Hicks, Dale W. Jenkins, James H. Jenkins, Winn Jones, David T. Katz, Robert Kavanagh, Daniel L. Leedy, Ernest Limes, Jr., Frank Mead, Robert H. Mills, Jack Oney, Gene Rea, Edward S. Thomas, Nelson Thomson, M. B. Trautman, W. A. Tucker, Rowland Wilson, George Wolfram (Wheaton Club, members and guests).

Cadiz, Ohio (thickets and around Chautauqua Lake in suburbs of Cadiz, woods and fields west of Cadiz, and along the highways to Tappan dam, 15 miles west of Cadiz).—Dec. 21; 9 A.M. to 4.30 P.M. Sky 95% clear; ground bare; wind southwest, light; temp. 22° at start, 36° at return. Five observers in 2 parties. Total hours afield, 13 (9 on foot, 4 by car); total party miles, 63 (15 on foot, 48 by car). Marsh Hawk, 1; Sparrow Hawk, 1; Bob-white, 17; Pileated Woodpecker, 1; Red-bellied Woodpecker, 2; Hairy Woodpecker, 1; Downy Woodpecker, 4; Prairie Horned Lark, 3; Blue Jay, 1; Crow, 6; Black-capped Chickadee, 8; Tufted Titmouse, 9; White-breasted Nuthatch, 1; Carolina Wren, 2; Bluebird, 11; Starling, 475; English Sparrow, 93; Purple Grackle, 5; Cardinal, 43; Junco, 41; Tree Sparrow, 51; Song Sparrow, 8. **Total,** 21 species; 784 individuals.—H. B. McConnell, John G. Worley, Milton Ronsheim, Milton McC. Ronsheim, John Meloy.

Canton, Ohio (area 15 miles in diameter with Canton as center).—Dec. 28; 7.30 A.M. to 5 P.M. Cloudy; light snow; wind southwest shifting to northwest, light; temp. 30° to 32°. Twenty observers in 10 parties. Total hours afield, 63 (23 afoot, 40 by car); total party miles, 299 (65 afoot, 234 by car). Black Duck, 1; Am. Golden-eye, 1; Marsh Hawk, 2; Sparrow Hawk, 4; Bob-white, 59; Pheasant, 2; Coot, 2; Red-headed Woodpecker, 2; Hairy Woodpecker, 7; Downy Woodpecker, 50; Horned Lark, 1; Blue Jay, 35; Crow, 1036; Black-capped Chickadee, 137; Tufted Titmouse, 63; White-breasted Nuthatch, 49; Red-breasted Nuthatch, 1; Brown Creeper, 2; Robin, 1; Bluebird, 10; Golden-crowned Kinglet, 3; Starling, 515; English Sparrow, 826; Cardinal, 66; Goldfinch, 1; Slate-colored Junco, 75; Tree Sparrow, 673; Song Sparrow, 91. **Total,** 28 species; 3715 individuals.—Eleanor Anderson, Robert Ball, Howard Braun, Don Brown, C. R. Brush, Mrs. John Danner, Judge and Mrs. J. L. Floyd, H. G. Fox, Hartzell Justice, Mr. and Mrs. C. R. Kaufholtz, Grover Keplinger, Edward Kimes, Glenn Miller, Mr. and Mrs. George Nieport, Mr. and Mrs. D. R. Pratt, Harry Tawney (members Neo Naturalists Society).

Cincinnati, Ohio (Sharon Woods, Remington, Mt. Washington, Glen Este, Ohio River west of Hamilton County line, Mt. Airy Forest).—Dec. 28; 8 A.M. to 4.30 P.M. Cloudy; ground partly frozen; wind light, west; temp. 28° to 40°. Twenty observers. Total miles by car, 32; total miles on foot, 17; total hours, 22. Common Loon, 1; Mallard, 9; Black Duck, 22; Baldpate, 2; Ring-necked Duck, 2; Red-tailed Hawk, 1; Sparrow Hawk, 4; Bob-white, 69; Coot, 4; Herring Gull, 3; Mourning Dove, 7; Barred Owl, 2; Belted Kingfisher, 2; Flicker, 8; Red-bellied Woodpecker, 12; Red-headed Woodpecker, 55; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 6; Downy Woodpecker, 37; Blue Jay, 49; Crow, 2000 (est.); Carolina Chickadee, 105; Tufted Titmouse, 84; White-breasted Nuthatch, 6; Red-breasted Nuthatch, 14; Brown Creeper, 4; Carolina Wren, 15; Mockingbird, 3; Robin, 272; Bluebird, 25; Golden-crowned Kinglet, 2; Cedar Waxwing, 90; Starling, 409; Myrtle Warbler, 1; English Sparrow, 77; Meadowlark, 5; Cardinal, 75; Purple Finch, 2; Goldfinch, 65; Towhee, 34; Junco, 197; Tree sparrow, 150; White-crowned Sparrow, 2; White-throated Sparrow, 3; Song Sparrow, 48. **Total,** 45 species; about 3984 individuals.—Robert Wenstrup, Jerry Trefzger, Edward S. Key, Allan Kain, Nathaniel Whitney, Jr., Mrs. Forest Butler, Emma Keifel, Helen Brinkman, William Peters, Thomas Peters, Gordon Acomb, Dr. Victor H. Coles, Frank Neuffer, Morris Maierson, Miss Fitzgerald, Lilie Becker, Mr. and Mrs. Hathaway, Woodrow Goodpaster, Karl H. Maslowski (members Ohio Audubon Society).

Cleveland, Ohio (Lake Erie shore, Gordon Park to Fairport, inland to Shaker Lakes, Gates Mills and Holden Arboretum; beech-maple-hemlock woods at North Chagrin, Chagrin River and Euclid Creek valleys, farms, orchards, old fields, beach and wooded areas).—Dec. 27, 8 A.M. to 5 P.M. Cloudy and overcast, some



DISTRIBUTION OF THE FORTY-SECOND CHRISTMAS BIRD COUNT. *Every state in the country is represented this year for the first time, plus Alaska and two Canadian Provinces. The above map shows the location of each printed report.*

snow flurries, visibility poor in P.M.; ground bare; brisk northwest wind, 23 m.p.h.; temp. 33° at start and finish. Thirty-seven observers in 13 groups. Total party hours afield, 75½; total party miles, 250 (67 miles on foot, 183 miles by auto). Mallard, 101; Black Duck, 90; Shoveller, 1; Redhead, 1; Ring-necked Duck, 1; Lesser Scaup, 73; Golden-eye, 35; Hooded Merganser, 4; Am. Merganser, 29; Red-breasted Merganser, 204; Sharp-shinned Hawk, 1; Cooper's Hawk, 3; Red-tailed Hawk, 5; Red-shouldered Hawk, 2; Marsh Hawk, 5; Sparrow Hawk, 1; Ruffed Grouse, 16; Bob-white, 48 (4 coveys); Pheasant, 4; Purple Sandpiper, 1 (observed at less than 50 feet distance, dark coloration, orange feet, etc.—Fullers); Herring Gull, 352; Ring-billed Gull, 422; Bonaparte's Gull, 2000 (est.); Mourning Dove, 20 (1 flock—Sherwin, *et al.*); Great Horned Owl, 1; Barred Owl, 1; Kingfisher, 5; Pileated Woodpecker, 6; Red-bellied Woodpecker, 5; Hairy Woodpecker, 17; Downy Woodpecker, 64; Blue Jay, 47; Crow, 1; Chickadee, 229; Tufted Titmouse, 73; White-breasted Nuthatch, 103; Red-breasted Nuthatch, 33; Brown Creeper, 2; Robin, 2 (Bole, Corbe); Golden-crowned Kinglet, 20; Starling, 277; English Sparrow, 555; Cardinal, 60; Pine Siskin, 30 (Shipman, *et al.*); Goldfinch, 13; Towhee, 2 (Skaggs, *et al.*); Junco, 55; Tree Sparrow, 131; Song Sparrow, 6. **Total,** 49 species; about 5157 individuals. The Purple Sandpiper is rare in Ohio and appears on our Christmas list for the first time. A Snowy Owl on December 26th.—JAMES AKERS, C. A. BAIER, KURT BOHNSACK, B. P. BOLE, JR., JOE CORBE, MR. and MRS. WM. COTTRELL, JR., BEN DANIELS, EDITH DOBBINS, H. C. DOBBINS, MR. and MRS. A. B. FULLER, EARL GODFREY, R. W. HILL, MELVIN HINKLEY, DALE INKLEY, BOB KUCERA, MR. and MRS. M. A. LAKNESS, MR. and MRS. MARGACH, RUTH NEWCOMER, DON NEWMAN, RALPH O'REILLY, W. B. QUAY, MARJORY RAMISCH, OMAR RANNEY, ERNEST ROCKLIFFE, F. N. SHANKLAND, C. M. SHIPMAN, MARGARET SHERWIN, MARION SKAGGS, M. B. SKAGGS, MRS. J. C. SKAGGS, HAROLD WALLIN, M. B. WALTERS, A. B. WILLIAMS (guests and members, The Kirtland Bird Club).

Columbus, Ohio (area north and west of Columbus, 14 miles long and 3 to 3½ miles wide, consisting of uplands between and riverbottoms of the Scioto and Olentangy Rivers).—Dec. 26; 7 A.M. to 5 P.M. Clear in A.M., cloudy in P.M.; light southwest wind, increasing in velocity after 10 A.M.; ground and water unfrozen; temp. 42° to 49°. Eight observers working in 5 parties. Total party hours afield, 29½; total party miles, 169 (35 afoot, 134 by car). Mallard, 579; Common and Red-legged Black Duck, 1469; Baldpate, 2; Pintail, 4; Green-winged Teal, 8; Redhead, 17; Ring-necked Duck, 1; Am. Golden-eye, 4; Hooded Merganser, 6; Am. Merganser, 107; Sharp-shinned (?) Hawk, 1; Cooper's Hawk, 3; Red-tailed Hawk, 2; Red-shouldered Hawk, 1; Bald Eagle, 1 (Chapman); Marsh Hawk, 2; Sparrow Hawk, 11; Bob-white, 71 (6 coveys); Pheasant, 3; Coot, 3; Herring Gull, 9; Mourning Dove, 227; Barn Owl, 1; Barred Owl, 1; Belted Kingfisher, 3; Flicker, 9; Red-bellied Woodpecker, 7; Red-headed Woodpecker, 5; Hairy Woodpecker, 8; Downy Woodpecker, 73; Horned Lark (subsp.?), 1; Blue Jay, 69; Crow, 210; Carolina Chickadee, 87; Tufted Titmouse, 120; White-breasted Nuthatch, 56; Red-breasted Nuthatch, 4; Brown Creeper, 15; Carolina Wren, 2; Brown Thrasher, 1 (present in same locality since Dec. 17, rather inactive—Barry); Golden-crowned Kinglet, 1; Starling, 212; English Sparrow, 830; Meadowlark, 1; Cardinal, 126; Goldfinch, 6; Red-eyed Towhee, 3; Junco, 144; Tree Sparrow, 209; Song Sparrow, 46. **Total,** 50 species; 4781 individuals.—HARRY L. BARRY, FLOYD B. CHAPMAN, ERNEST O. LIMES, JOHN T. ONEY, FRANK W. MEAD, ROBERT H. MILLS, JACK TETIRICK, HARRY SWERINGER (members and guests Ohio Wildlife Research Forum, O. S. U.).

Cuyahoga Falls, Ohio (area covered was the same as in past 2 years).—Dec. 28; 9 A.M. to 5 P.M. Overcast most of the day, with several snow flurries; lakes unfrozen; temp. 32° at start, 34° at return. Twelve observers in 4 parties. Total party miles, 101 (92 by car, 9 afoot); total party hours, 24. Loon, 1; Mallard, 102; Red-legged Black Duck, 10; Black Duck, 225; Baldpate, 178; Green-winged Teal, 9; Lesser Scaup, 125; Golden-eye, 4; Hooded Merganser, 37; Am. Merganser, 74; Cooper's Hawk, 1; Marsh Hawk, 1; Sparrow Hawk, 5; Bob-white, 16; Coot, 6; Herring Gull, 7; Ring-billed Gull, 15; Hairy Woodpecker, 6; Downy Woodpecker, 38; Blue Jay, 26; Crow, 2; Black-capped Chickadee, 65; Tufted Titmouse, 36; White-breasted Nuthatch, 20; Red-breasted Nuthatch, 4; Starling, 1617±; English Sparrow, 750±; Cardinal, 41; Goldfinch, 8; Junco, 117; Tree Sparrow, 206; Song Sparrow, 2. **Total,** 32 species; approximately 3754 individuals. The Loon had been wounded and was unable to fly.—MRS. WILMA HULL, C. MOUNTZ, CARL PLUNTZE, FRED RUCKMAN, MRS. C. R. SERFASS, GERTRUDE RENNECKAR, O. L. MITCHELL, FRED SMITH, GEORGE SMITH, MARTIN SMITH, CARL SWICKARD, MRS. GEORGE WILEY (members Cuyahoga Falls Audubon Club).

Dayton, Ohio (5 miles north of Dayton, Englewood Dam and Taylorsville Dam, west of Dayton about the Huffman Dam area and Eastwood Park, south about Hills and Dales and Southern Hills, west about the Soldier's Home, in Dayton at Island Park, Residence Park, Woodland Cemetery and Cooper Park).—Dec. 26; 7 A.M. to 4.30 P.M. Cloudy; ground soft; no ice in streams or lakes; wind light to brisk, south to west; temp. 38° min., 47° max. Nineteen observers in 12 groups. Total hours afield, 41; total party miles, 132 (52 on foot, 80 by car). Mallard, 47; Common Black Duck, 12; Red-legged Black Duck, 202; Gadwall, 1; Baldpate, 1; Pintail, 1; Ring-necked Duck, 2; Great Blue Heron, 1; Turkey Vulture, 1; Cooper's Hawk, 2; Red-tailed Hawk, 1; Red-shouldered Hawk, 3; Sparrow Hawk, 2; unidentified hawks, 3; Bob-white, 90; Pheasant, 10; Killdeer, 4; Belted Kingfisher, 2; Mourning Dove, 13; Rock Dove, 5; Flicker, 3; Red-bellied Woodpecker, 1; Hairy Woodpecker, 5; Downy Woodpecker, 44; Blue Jay, 22; Crow, 182; Carolina Chickadee, 102; Tufted Titmouse, 69; White-breasted Nuthatch, 14; Red-breasted Nuthatch, 1;

Brown Creeper, 10; Carolina Wren, 6; Mockingbird, 1; Robin, 2; Golden-crowned Kinglet, 1; Ruby-crowned Kinglet, 1; Starling, 4480; English Sparrow, 1601; Rusty Blackbird, 9; Bronzed Grackle, 35; Cardinal, 140; Purple Finch, 1; Junco, 95; Tree Sparrow, 29; Field Sparrow, 2; Song Sparrow, 42; Chipping Sparrow, 11; Fox Sparrow, 8. **Total,** 46 species; 7320 individuals. —R. Barthalomew, J. Bittner, B. Burtner, Ben and Edith Blincoe, Ruth Clark, Florence Clippinger, Grace Cutright, K. Dearolf, Catherine Hadeler, W. W. Hofferbert, Flora Pickens, Hazel Schaley, B. H. Smith, Paul Tappin, Harry Walters, H. Wilkie, John T. Wood, P. Wortman (Dayton Audubon Society).

Hamilton, Ohio (along Miami River, in woods and open fields).—Dec. 21; 8.30 a.m. to 4.15 p.m. Clear in morning, hazy in afternoon; ground bare; wind light, northwest; temp. 26° at start, 50° at return. Observer alone, 10 miles on foot, 12 miles by auto. Cooper's Hawk, 1; Marsh Hawk, 1; Sparrow Hawk, 5; Bob-white, 13; Mourning Dove, 48; Kingfisher, 1; Flicker, 7; Hairy Woodpecker, 1; Downy Woodpecker, 16; Horned Lark, 15; Blue Jay, 20; Crow, 2000 (est.); Carolina Chickadee, 34; Tufted Titmouse, 23; Brown Creeper, 2; Carolina Wren, 12; Mockingbird, 1; Robin, 46; Bluebird, 4; Migrant Shrike, 1; Starling, 360; English Sparrow, 420; Meadowlark, 38; Cardinal, 32; Purple Finch, 2; Goldfinch, 56; Slate-colored Junco, 104; Tree Sparrow, 137; Fox Sparrow, 3; Song Sparrow, 128. **Total,** 30 species; about 3531 individuals.—Frank Harbaum.

Lancaster, Ohio (all observations within a radius of 5 miles of Lancaster, same route as previous 17 years).—Dec. 21; 7.20 a.m. to 1.20 p.m., 2.20 to 5.20 p.m. Clear; ground bare; wind southeast, light; temp. 24° at start, 46° at noon, 42° at return. Seven observers working in 3 parties afield. Total miles on foot, 10; total miles by automobile, 9; total hours, 10. Cooper's Hawk, 1; Red-tailed Hawk, 1; Marsh Hawk, 1; Sparrow Hawk, 2; Bob-white, 135 (10 coveys); Pheasant, 2; Great Horned Owl, 1; Belted Kingfisher, 1; Flicker, 8; Red-bellied Woodpecker, 3; Red-headed Woodpecker, 1; Hairy Woodpecker, 8; Downy Woodpecker, 48; Blue Jay, 38; Crow, 20; Carolina Chickadee, 70; Tufted Titmouse, 49; White-breasted Nuthatch, 9; Red-breasted Nuthatch, 7; Brown Creeper, 12; Carolina Wren, 15; Robin, 14; Hermit Thrush, 2; Bluebird, 41; Golden-crowned Kinglet, 20; Cedar Waxwing, 37; Starling, 34; English Sparrow, 427; Cardinal, 109; Red-eyed Towhee, 45; Slate-colored Junco, 138; Tree Sparrow, 99; Fox Sparrow, 2; Song Sparrow, 91. **Total,** 34 species; 1492 individuals.—Florence Branum, Dorothy and Esther Goslin, Dr. Chas. Shaw, Louis Kitz, Paul J. Miller, Chas. R. Goslin.

Norwalk, Ohio (Huron River valley and adjacent woods and fields, Peru to Norwalk).—Dec. 24; 9.30 a.m. to 4 p.m. Cloudy, temp. 47° at start, 41° at end; ground bare; strong wind all day. Two observers, together. Total miles on foot, 9. Red-tailed Hawk, 1; Marsh Hawk, 1; Bob-white, 12; Mourning Dove, 18; Red-bellied Woodpecker, 3; Red-headed Woodpecker, 2; Downy Woodpecker, 13; Blue Jay, 5; Crow, 20; Black-capped Chickadee, 20; Tufted Titmouse, 41; White-breasted Nuthatch, 7; Bluebird, 2; Starling, 21; English Sparrow, 16; Cardinal, 28; Slate-colored Junco, 2; Tree Sparrow, 4; Song Sparrow, 1. **Total,** 19 species; 217 individuals. Bluebird is first record in 10 years of Christmas counts.—Maurice Foote, Dale C. Kellogg.

Oxford, Ohio (along Four Mile Creek, in village, woods, cultivated fields, pastures).—Dec. 21; 8 a.m. to 5.30 p.m., 7.30 to 8.45 p.m. Clear to quite hazy; light southwest wind; temp. 26° to 50°. Twenty-one observers in 7 parties. Total party hours afield, 45 (41 afoot, 4 by car); total party miles, 95 (47 afoot, 48 by car). Mallard, 13; Black Duck, 1; Green-winged Teal, 1 ♂ observed at under 100 feet, seen previously in same locality —Crowell); Red-tailed Hawk, 2; Marsh Hawk, 4; Sparrow Hawk, 6; Bob-white, 55; Killdeer, 3; Rock Dove, 165; Mourning Dove, 120; Barn Owl, 1; Screech Owl, 3; Belted Kingfisher, 1; Flicker, 27; Red-bellied Woodpecker, 43; Red-headed Woodpecker, 102; Hairy Woodpecker, 10; Downy Woodpecker, 122; Horned Lark, 52; Blue Jay, 117; Crow, 1092; Carolina Chickadee, 331; Tufted Titmouse, 315; White-breasted Nuthatch, 37; Red-breasted Nuthatch, 5; Brown Creeper, 5; Winter Wren, 3; Carolina Wren, 28; Mockingbird, 3; Robin, 1; Bluebird, 38; Golden-crowned Kinglet, 12; Ruby-crowned Kinglet, 3 (observed at close range at feeding station, present off and on throughout the fall—Mrs. Logan); Starling, 599; Myrtle Warbler, 4; English Sparrow, 1064; Meadowlark, 14; Cardinal, 168; Purple Finch, 4; Goldfinch, 41; Red-eyed Towhee, 34; Slate-colored Junco, 449; Tree Sparrow, 344; Song Sparrow, 182. **Total,** 44 species; 5624 individuals.—R. A. Hefner, Mrs. R. A. Hefner, Marcine Hefner, W. C. McNelly, W. H. Gran, N. T. Mattox, Mrs. Paul Logan, M. W. Boesel, Willis Hefner, Caroline Hefner, George Fichter, C. K. Lloyd, David Logan, Edna Drill, Mrs. W. H. Gran, P. S. Crowell, Frances Russ, F. H. Heck, Rudolf Syring, E. S. Key, Winston Jesseman.

Portsmouth, Ohio (woods, old fields and riverbanks).—Dec. 23; 6.30 a.m. to 5.45 p.m. Cloudy, with local showers; temp. 60°. Observers in pairs. Total miles on foot, 12; by auto, 50. Double-crested Cormorant, 1; Great Blue Heron, 1; Mallard, 42; Black Duck, 15; Canvas-back, 14; Lesser Scaup, 3; Old-squaw, 1; Hooded Merganser, 3; Am. Merganser, 62; Sharp-shinned Hawk, 1; Red-tailed Hawk, 2; Marsh Hawk, 2; Sparrow Hawk, 10; Bob-white, 19; Mourning Dove, 150; Screech Owl, 1; Barred Owl, 1; Belted Kingfisher, 6; Flicker, 16; Red-bellied Woodpecker, 2; Hairy Woodpecker, 6; Downy Woodpecker, 49; Horned Lark, 3; Blue Jay, 12; Crow, 245; Carolina Chickadee, 83; Titmouse, 155; White-breasted Nuthatch, 21; Brown Creeper, 8; Winter Wren, 8; Carolina Wren, 34; Bluebird, 64; Cedar Waxwing, 24; Starling, 361; Myrtle Warbler, 1; English Sparrow, 202; Meadowlark, 11; Red-wing, 4; Cowbird, 12; Cardinal, 143; Purple Finch, 31; Goldfinch, 309; Towhee, 18; Junco, 206; Tree Sparrow, 210; Field Sparrow, 2; Song Sparrow, 109. **Total,** 47 species; 2683 individuals. Noticeable increase in

Winter Wren, Carolina Wren, Bluebird and Goldfinch.—CONRAD ROTH, FLOYD B. CHAPMAN, ERNEST LIMES, GUYAN SMITH.

Salem, Ohio (across fields to New Albany, along Middle Fork of Little Beaver Creek to Coleman, then along abandoned canal to Guilford Lake and ¾ of way around lake; headwaters of Middle Fork and along Stone Mill Run to Franklin Square).—Dec. 28; 7.30 A.M. to 4.30 P.M. Ground bare at start, 1-in. snow at return; snowed all day; streams, lake, and marshes unfrozen; wind light, west; temp. 27° at start, 29° at return, 31° max. Observers in 3 parties. Total miles afoot, 48; total hours afoot, 25¼. Baldpate, 1; Ring-necked Duck, 6; Lesser Scaup, 3; Ruddy Duck, 1; Red-breasted Merganser, 2; Cooper's Hawk, 1; Marsh Hawk, 1; Sparrow Hawk, 5; Ruffed Grouse, 2; Bob-white, 10 (covey); Pheasant, 2; Coot, 3; Barn Owl, 1; Screech Owl, 9; Kingfisher, 1; Red-bellied Woodpecker, 5; Red-headed Woodpecker, 16; Hairy Woodpecker, 6; Downy Woodpecker, 39; Horned Lark, 14; Blue Jay, 14; Crow, 20; Chickadee, 137; Tufted Titmouse, 78; White-breasted Nuthatch, 61; Red-breasted Nuthatch, 4; Brown Creeper, 6; Winter Wren, 2; Carolina Wren, 4; Robin, 1; Golden-crowned Kinglet, 8; Cedar Waxwing, 28; Starling, 11; English Sparrow, 72; Red-wing, 1; Cardinal, 78; Goldfinch, 23; Towhee, 1; Junco, 16; Tree Sparrow, 266±; Field Sparrow, 1; Song Sparrow, 73. **Total,** 42 species; approximately 1033 individuals.—PAUL A. STEWART, DON ECKELBERRY, RAY CREWSON, WILLIAM C. BAKER.

Toledo, Ohio (10 miles of Swan Creek valley, 10 miles of Ottawa River valley, part of Maumee River rapids, Maumee Bay and Pearson Park).—Dec. 28; 8.30 A.M. to 6 P.M. Cloudy; trace of snow; wind southwest in A.M., light, west in P.M., 25 m.p.h.; temp. 32° at start, 30° at close; bay and streams open. Eighteen observers in 6 parties. Total party hours, 24.5 (20 on foot, 4.5 in auto); total party miles, 45 (25 on foot, 20 in auto). Canada Goose, 21; Mallard, 153; Black Duck, 469; Gadwall, 1 (Campbell); Shoveller, 1; Canvas-back, 400; Scaup, 442; Am. Golden-eye, 40; White-winged Scoter, 7 (Klewer); Hooded Merganser, 6; Am. Merganser, 525; Red-breasted Merganser, 1; Cooper's Hawk, 2; Red-tailed Hawk, 1; Red-shouldered Hawk, 1; Marsh Hawk, 9; Bob-white, 32 (3 coveys); Pheasant, 136; Herring Gull, 750; Ring-billed Gull, 222; Bonaparte's Gull, 403; Mourning Dove, 3; Snowy Owl, 1; Barred Owl, 3; Belted Kingfisher, 1; Red-headed Woodpecker, 3; Yellow-bellied Sapsucker, 1 (Mayfield, Stophlet, Bordner, Nessle); Hairy Woodpecker, 14; Downy Woodpecker, 60; Prairie Horned Lark, 16; Blue Jay, 89; Crow, 23; Black-capped Chickadee, 188; Tufted Titmouse, 35; White-breasted Nuthatch, 53; Red-breasted Nuthatch, 4; Brown Creeper, 31; Carolina Wren, 3; Brown Thrasher, 1 (Jones, Collins, Bergman); Hermit Thrush, 1 (Van Cleve); Golden-crowned Kinglet, 1; Starling, 188; English Sparrow, 276; Red-wing, 6; Cardinal, 89; Purple Finch, 8; Pine Siskin, 23; Goldfinch, 44; Slate-colored Junco, 104; Tree Sparrow, 123; Song Sparrow, 15; Snow Bunting, 8. **Total,** 52 species; 5037 individuals.—MAX SHEPHERST, PAUL JONES (Pres.), ROBERT BERGMAN, JOS. COLLINS, JR., HAROLD MAYFIELD, JOHN STOPHLET, JAMES NESSLE, KARL BORDNER, LAWRENCE HIETT, FRED FLICKINGER, J. ARTHUR MACLEAN, MORRISON VAN CLEVE, LUCIUS SEARS, JR., DR. WM. T. BACKUS, JOHN WEAVER, ERNEST WEAVER, LOU KLEWER, LOU CAMPBELL (Toledo Naturalists' Association).

Wooster, Ohio (fields and woods in vicinity of Wooster including Killbuck marshes, 5 miles southwest of Wooster).—Dec. 21; 8.30 A.M. to 4 P.M. Clear; ground bare; east wind, light; temp. 20° at start, 40° at return. Seven observers in 4 parties. Total hours afield, 32 by foot; total party miles, 30. Great Blue Heron, 4; Mallard Duck, 225 (est.); Black Duck, 100 (est.); Baldpate, 2; Pintail, 14; Lesser Scaup, 1; Marsh Hawk, 1; Pheasant, 2; Coot, 11; Killdeer, 1; Kingfisher, 3; Red-bellied Woodpecker, 4; Hairy Woodpecker, 3; Downy Woodpecker, 37; Blue Jay, 32; Crow, 5; Black-capped Chickadee, 94; Tufted Titmouse, 20; White-breasted Nuthatch, 13; Brown Creeper, 2; Winter Wren, 2; Bluebird, 5; Starling, 12; English Sparrow, 147 (est.); Cardinal, 64; Goldfinch, 1; Junco, 10; Tree Sparrow, 102; Song Sparrow, 27. **Total,** 29 species; 944 individuals.—ALDEN SCHAFFTER, BERNARR KING, ROBERT JOHNSON, RICHARD KING, WELDON KERR, PAUL SCHROCK, RICHARD CUTTER (members Boy Scout Troop 70).

Youngstown, Ohio (Meander, Mill Creek and Yellow Creek valleys).—Dec. 21; 8 A.M. to 5 P.M. Clear; no wind; light haze over water; reservoirs open except in shallow parts; temp. low 21°, high 39°. Observers in 4 groups. Total party hours afield, 27; total party miles, 59 (37 afoot, 22 by car). Pied-billed Grebe, 1; Canada Goose, 7; Mallard, 250; Black Duck, 700; Gadwall, 2; Baldpate, 40; Pintail, 50; Redhead, 2; Ring-necked Duck, 100; Canvas-back, 3; Lesser Scaup, 5; Golden-eye, 10; Buffle-head, 15; Hooded Merganser, 25; Am. Merganser, 100; Red-breasted Merganser, 50; Sharp-shinned Hawk, 1; Cooper's Hawk, 2; Red-tailed Hawk, 1; Bald Eagle, 2; Marsh Hawk, 4; Sparrow Hawk, 4; Bob-white, 11; Pheasant, 4; Killdeer, 1; Herring Gull, 60; Ring-billed Gull, 6; Mourning Dove, 1; Screech Owl, 2; Great Horned Owl, 1; Short-eared Owl, 9; Barred Owl, 3; Kingfisher, 1; Pileated Woodpecker, 1; Red-bellied Woodpecker, 5; Red-headed Woodpecker, 11; Hairy Woodpecker, 7; Downy Woodpecker, 44; Northern Horned Lark, 48; Prairie Horned Lark, 27; Blue Jay, 29; Crow, 1020; Black-capped Chickadee, 86; Tufted Titmouse, 60; White-breasted Nuthatch, 72; Red-breasted Nuthatch, 14; Brown Creeper, 4; Robin, 2; Golden-crowned Kinglet, 6; Starling, 350; English Sparrow, 125; Meadowlark, 4; Red-wing, 45; Cardinal, 33; Goldfinch, 1; Junco, 12; Tree Sparrow, 298; Song Sparrow, 5; Lapland Longspur, 2. **Total,** 59 species; 3784 individuals.—ELIZABETH NORTHRUP, CORA TURNER, EDITH MURRAY, EVAN DRESSEL, WILLIAM BAKER, PAUL STEWARD, E. O. MELLINGER, VINCENT MCLAUGHLIN, ADRIAN DIGNAN, GRANT M. COOK.

Huntington, W. Va. (vicinity of Huntington, same area covered in 1939 census).—Dec. 21; 7.30 A.M. to 4.30 P.M. Clear and quiet; temp. 26°

at start, 58° in afternoon. Sixteen observers working in 5 parties. Total hours afield, 20 (17 afoot, 3 by car); total party miles, 54 (24 afoot, 30 by car). Pied-billed Grebe, 2; Greater [?—Ed.] Scaup, 240; Goshawk, 1; Sparrow Hawk, 2; Bob-white, 11; Herring Gull, 6; Belted Kingfisher, 1; Flicker, 12; Hairy Woodpecker, 3; Downy Woodpecker, 14; Blue Jay, 15; Crow, 1150; Carolina Chickadee, 76; Tufted Titmouse, 38; White-breasted Nuthatch, 3; Brown Creeper, 2; Winter Wren, 1; Carolina Wren, 31; Mockingbird, 3; Robin, 8; Bluebird, 26; Cedar Waxwing, 14; Migrant Shrike, 1; Starling, 47; Myrtle Warbler, 5; English Sparrow, 156; Meadowlark, 2; Cardinal, 27; Goldfinch, 19; Towhee, 9; Junco, 28; White-throated Sparrow, 2; Fox Sparrow, 4; Song Sparrow, 15. **Total,** 34 species; 1974 individuals.—Rachel Wilson, Lois Garrett, Mrs. Walter Kerr, Gladys Dixon, Nell Rose Hale, Mrs. H. C. Hale, Dr. Frank Gilbert, W. H. Waldron, Jr., N. Bayard Green, James Handlan, Jr., Maurice Foose, Mrs. C. F. Wagers, Mrs. W. L. O'Dell, Mrs. T. A. Cavendish (Huntington Bird Club).

Morgantown, W. Va. (vicinity of Morgantown and Lake Lynn, same area covered in counts of last 3 years).—Dec. 26; 7 a.m. to 5 p.m. Clear; light southwest wind; ground bare; temp. 46° at start, 56° at close. Miles by car, 40; on foot, 8. Observers together. Mallard, 1; Black Duck, 88; Scaup, 7; Red-shouldered Hawk, 1; Ruffed Grouse, 3; Bob-white, 9; Barred Owl, 1; Flicker, 4; Pileated Woodpecker, 2; Red-bellied Woodpecker, 1; Red-headed Woodpecker, 1; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 2; Downy Woodpecker, 5; Prairie Horned Lark, 1; Blue Jay, 27; Crow, 32; Carolina Chickadee, 36; Tufted Titmouse, 50; White-breasted Nuthatch, 9; Red-breasted Nuthatch, 4; Brown Creeper, 2; Winter Wren, 2; Carolina Wren, 26; Mockingbird, 1; Bluebird, 9; Golden-crowned Kinglet, 3; Starling, 1035 (partly est.); English Sparrow, 88; Meadowlark, 1; Red-wing, 1; Cardinal, 107; Purple Finch, 1; Pine Siskin, 2; Goldfinch, 15; Towhee, 12; Junco, 82; Tree Sparrow, 92; Swamp Sparrow, 1; Song Sparrow, 34; Lapland Longspur, 1. **Total,** 41 species; approximately 1800 individuals. The longspur (4th West Virginia record) was observed at close range with good glasses; short bill was noteworthy.—I. B. Boggs, Maurice Brooks.

Mt. Lookout, W. Va. (fields and woods in vicinity of Mt. Lookout).—Dec. 28; 9 a.m. to 3 p.m. Cloudy; ground bare; wind west, moderate; temp. about 32°. Two observers, separate in the morning, together in the afternoon. Total hours afield, 9 (all by foot); total party miles, 12. Am. Rough-legged Hawk, 1; Ruffed Grouse, 1; Flicker, 1; Pileated Woodpecker, 2; Red-bellied Woodpecker, 3; Hairy Woodpecker, 3; Downy Woodpecker, 2; Blue Jay, 2; Crow, 2; Chickadee, 2; Tufted Titmouse, 22; White-breasted Nuthatch, 3; Brown Creeper, 2; Winter Wren, 4; Bewick's Wren, 2; Carolina Wren, 3; Robin, 3; Hermit Thrush, 3; Bluebird, 2; Golden-crowned Kinglet, 37; English Sparrow, 60; Cardinal, 22; Goldfinch, 4; Junco, 525; Tree Sparrow, 53; Field Sparrow, 6; Song Sparrow, 5. **Total,** 27 species; 775 individuals.—W. C. Legg, Alton McClung.

Anchorage, Ky. (Anchorage, O'Bannon, Worthington, Goshen, Ohio River, and surrounding area).—Dec. 27; 6 a.m. to 6.30 p.m. Cloudy; ground bare; wind west to southwest, light to moderate; temp. 35° at start, 44° at return. Five observers working in 3 parties. Total party hours afield, 29 (24 on foot, 5 by car); total party miles, 123 (14 on foot, 109 by car). Common Loon, 3; Great Blue Heron, 1; Mallard, 34; Black Duck, 312; Pintail, 1; Lesser Scaup, 114; Am. Golden-eye, 52; Buffle-head, 8; Old-squaw, 7; Hooded Merganser, 7; Am. Merganser, 12; Black Vulture, 6; Cooper's Hawk, 2; Red-tailed Hawk, 2; Red-shouldered Hawk, 2; Marsh Hawk, 2; Sparrow Hawk, 29; Bob-white, 8 (est. 1 small covey); Coot, 2; Killdeer, 9; Herring Gull, 500 (est.); Ring-billed Gull, 23; Mourning Dove, 49; Barred Owl, 1; Belted Kingfisher, 3; Flicker, 19; Red-bellied Woodpecker, 11; Red-headed Woodpecker, 1; Hairy Woodpecker, 6; Downy Woodpecker, 19; Prairie Horned Lark, 125 (est.); Blue Jay, 27; Crow, 187; Carolina Chickadee, 81; Tufted Titmouse, 117; White-breasted Nuthatch, 12; Brown Creeper, 3; Carolina Wren, 6; Mockingbird, 14; Robin, 135 (est.); Hermit Thrush, 1; Bluebird, 43; Golden-crowned Kinglet, 1; Cedar Waxwing, 54; Migrant Shrike, 1; Starling, 3500 (est.); English Sparrow, 250 (est.); Meadowlark, 11; Bronzed Grackle, 7; Cardinal, 247; Purple Finch, 9; Pine Siskin, 3 (observed at very close range with 8× binoculars); Goldfinch, 56; Red-eyed Towhee, 26; Slate-colored Junco, 225 (est.); Tree Sparrow, 275 (est.); Field Sparrow, 1; White-crowned Sparrow, 13; White-throated Sparrow, 64; Fox Sparrow, 3; Swamp Sparrow, 7; Song Sparrow, 94. **Total,** 62 species; approximately 6843 individuals.—Thomas Smith, B. L. Monroe, Jr., James Boswell Young, Robert M. Mengel, Burt L. Monroe (Rafinesque Ornithological Club).

Bowling Green, Ky. (Lost River, Chaney Marsh, along Drake's Creek, mouth of Gasper River, along Jennings Creek and Barren River).—Dec. 21; 7 a.m. to 4.30 p.m. Partly cloudy; no wind; temp. 32° to 58°. Observers in 3 groups. Total, 23¾ hours, 30 miles by car, 4 miles by canoe, 29 miles on foot. Turkey Vulture, 2; Cooper's Hawk, 2; Red-tailed Hawk, 4; Red-shouldered Hawk, 2; Rough-legged Hawk, 1; Sparrow Hawk, 5; Bob-white, 8; Killdeer, 1; Mourning Dove, 235 (unusually numerous in swamps); Great Horned Owl, 1; Barred Owl, 1; Belted Kingfisher, 5; Flicker, 38; Pileated Woodpecker, 13; Red-bellied Woodpecker, 21; Red-headed Woodpecker, 4; Yellow-bellied Sapsucker, 7; Hairy Woodpecker, 7; Downy Woodpecker, 30; Prairie Horned Lark, 166; Blue Jay, 23; Crow, 242; Carolina Chickadee, 134; Tufted Titmouse, 109; White-breasted Nuthatch, 6; Brown Creeper, 2; Winter Wren, 10; Bewick's Wren, 2; Carolina Wren, 34; Mockingbird, 29; Robin, 13; Hermit Thrush, 5; Bluebird, 117; Golden-crowned Kinglet, 6; Cedar Waxwing, 96; Migrant Shrike, 3; Starling, 925; Myrtle Warbler, 38; English Sparrow, 195; Meadowlark, 79; Bronzed Grackle, 2; Cowbird, 14; Cardinal, 135; Purple Finch, 6; Goldfinch, 55; Red-eyed Towhee, 33; Slate-colored Junco, 220; Field Sparrow, 3;

White-crowned Sparrow, 93; White-throated Sparrow, 112; Fox Sparrow, 6; Swamp Sparrow, 37; Song Sparrow, 53. **Total,** 53 species; 3390 individuals.—Hayward Brown, B. C. Cole, L. Y. Lancaster, C. L. Taylor, Ezzell Welborn, J. R. Whitmer, Gordon Wilson (compiler).

Glasgow, Ky. (Camp Rotary and vicinity along Skeggs Creek, including Crenshaw, Nuckols, Smith, Wilkinson and part of Elliott Farms).—Dec. 21; 7.30 A.M. to 5 P.M. Sky clear and bright in morning, slightly overcast in afternoon; light southwest wind in morning, stronger wind from south in afternoon; temp. 30° at start, 48° at finish. All 5 of party in single group, on foot, within 6-mile diameter. Turkey Vulture, 2; Sharp-shinned Hawk, 1; Red-tailed Hawk, 3; Sparrow Hawk, 2; Bob-white, 26; Mourning Dove, 87; Flicker, 14; Pileated Woodpecker, 10; Red-bellied Woodpecker, 6; Yellow-bellied Sapsucker, 2; Hairy Woodpecker, 3; Downy Woodpecker, 17; Blue Jay, 3; Crow, 46; Carolina Chickadee, 16; Tufted Titmouse, 28; White-breasted Nuthatch, 2; Winter Wren, 1; Carolina Wren, 9; Mockingbird, 1; Bluebird, 10; Cedar Waxwing, 10; Myrtle Warbler, 2; Meadowlark, 1; Cardinal, 40; Goldfinch, 17; Towhee, 11; Junco, 33; Field Sparrow, 12; White-crowned Sparrow, 4; White-throated Sparrow, 3; Fox Sparrow, 2; Swamp Sparrow, 3; Song Sparrow, 4. **Total,** 34 species; 431 individuals.—Mr. and Mrs. F. Everett Frei, Clayton Gooden, Mrs. Nelson Nuckols, H. C. Rogers (members Glasgow Bird Club).

Louisville, Ky. (Ohio River from Sixth St. to Twelve Mile Island, inland about 10 miles to Jeffersontown, including Cherokee Park and Cave Hill Cemetery, and along Goose and Harrod's Creeks).—Dec. 21; 7 A.M. to 5 P.M. Clear; very little wind; temp. 30° at start, 66° at return. Seventeen observers in 9 groups. Total hours afield, 48 (29 on foot, 19 by car); total party miles, 114 (25 on foot, 89 by car). Loon, 3; Mallard, 1; Black Duck, 40; Lesser Scaup, 25; Black Vulture, 4; Red-shouldered Hawk, 2; Marsh Hawk, 2; Duck Hawk, 1; Pigeon Hawk, 1 (observed through a 30× telescope—Carpenter); Sparrow Hawk, 19; Killdeer, 15; Woodcock, 1 (flushed—Stamms); Herring Gull, 29; Ring-billed Gull, 10; Mourning Dove, 1; Belted Kingfisher, 2; Flicker, 23; Red-bellied Woodpecker, 18; Red-headed Woodpecker, 2; Yellow-bellied Sapsucker, 2; Hairy Woodpecker, 6; Downy Woodpecker, 26; Horned Lark, 9; Blue Jay, 73; Crow, 207; Carolina Chickadee, 73; Tufted Titmouse, 64; White-breasted Nuthatch, 12; Brown Creeper, 2; Winter Wren, 2; Carolina Wren, 8; Mockingbird, 45; Robin, 46; Bluebird, 35; Golden-crowned Kinglet, 2; Cedar Waxwing, 15; Migrant Shrike, 4; Starling, 21,089 (including est. roost of 20,000 in business area); English Sparrow, 350; Meadowlark, 43; Bronzed Grackle, 1; Cardinal, 150; Purple Finch, 5; Goldfinch, 38; Towhee, 20; Slate-colored Junco, 218; Tree Sparrow, 60; Field Sparrow, 1; White-crowned Sparrow, 8; White-throated Sparrow, 18; Fox Sparrow, 1; Swamp Sparrow, 3; Song Sparrow, 31. **Total,** 53 species; approximately 22,866 individuals.—Leonard C. Brecher, Mary Louise Brecher, Floyd S. Carpenter, William M. Clay, Thelma Gentry, Rhoda Green, Ethel W. Lovell, Harvey B. Lovell, Burt Monroe, Kent Previette, Evelyn Schneider, Mabel Slack, Dorothy Sternberg, Mr. and Mrs. Fred W. Stamm, S. Charles Thacher, Audrey Wright (members Beckham Bird Club Chapter, Kentucky Ornithological Society).

Chickasaw Forest, Tenn. (Lake La Joie area, Highway 100 to Bethel Church to Silverton [outside forest], and return on ridge to the east; Lake Placid).—Dec. 25; 7 A.M. to 1 P.M. Overcast; ground frozen and then muddy; stiff wind, cold and damp at start; temp. 34° to 45°. Rain, starting at 1 P.M., stopped census. Observers together, 20 miles by auto, 2 on foot. Pied-billed Grebe, 5; Ring-necked Duck, 76; Turkey Vulture, 19; Black Vulture, 1; Red-tailed Hawk, 2; Sparrow Hawk, 2; Coot, 1; Woodcock, 1; Mourning Dove, 1; Belted Kingfisher, 3; Flicker, 11; Pileated Woodpecker, 3; Red-bellied Woodpecker, 4; Red-headed Woodpecker, 2; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 3; Downy Woodpecker, 3; Blue Jay, 28; Crow, 36; Carolina Chickadee, 37; Tufted Titmouse, 24; White-breasted Nuthatch, 1; Brown Creeper, 2; Winter Wren, 3; Carolina Wren, 3; Mockingbird, 2; Robin, 92; Hermit Thrush, 14; Bluebird, 50; Golden-crowned Kinglet, 42; Ruby-crowned Kinglet, 1; Cedar Waxwing, 66; Migrant Shrike, 1; Myrtle Warbler, 36; English Sparrow, 30; Meadowlark, 25; Cardinal, 26; Purple Finch, 38; Goldfinch, 66; Savannah Sparrow, 5; Slate-colored Junco, 127; Field Sparrow, 67; White-throated Sparrow, 63; Swamp Sparrow, 2; Song Sparrow, 20. **Total,** 45 species; 1045 individuals. English Sparrow was only listed species not recorded inside forest.—Ben B. Coffey, Jr., Joe Mason, Jr.

Great Smoky Mountains National Park, Tenn. (same area as in past 4 years; circle of 7½ miles' radius centering on Bull Head of Mt. LeConte, and including a section of the Tennessee-North Carolina divide from Silers Bald to the Sawteeth; also the towns of Gatlinburg and Pigeon Forge, Tenn.).—Dec. 21; 6.15 A.M. to 4.30 P.M. Clear in early morning, partly cloudy thereafter; ground bare, frozen at high altitudes, thawing in lowlands; wind mostly light, variable; temp. 33° to 63°. Altitude range, 1200 to 6600 feet. Thirty observers in 10 parties. Total hours afield, 76 (64 on foot, 12 by car); total party miles, 249 (67 on foot, 182 by car). Turkey Vulture, 2; Black Vulture, 2; Sharp-shinned Hawk, 1; Cooper's Hawk, 2; Red-tailed Hawk, 1; Duck Hawk, 2; Sparrow Hawk, 1; Ruffed Grouse, 7 (1 heard drumming); Bob-white, 12; Chukar Partridge, 1 (observed on Sugarland Mt. at 15 ft. by Dougherty who, having studied this exotic species on game farms in east Tennessee, is well acquainted with it; 60 individuals were released in east Tennessee, at points within 60 miles of the park boundary, in the spring of 1941; 2 or 3 of the birds appeared here in the mountains early in the summer, but then seemed to have disappeared); Mourning Dove, 2; Barred Owl, 1 (seen by Green while bird was being mobbed by Crows); Kingfisher, 2; Flicker, 1; Pileated Woodpecker, 6; Yellow-bellied Sapsucker, 5; Hairy Woodpecker,

19; Downy Woodpecker, 18; Phoebe, 2; Blue Jay, 8; Raven, 6; Crow, 500 (est.); Chickadee (both Black-capped and Carolina observed), 300 (est.); Tufted Titmouse, 49; White-breasted Nuthatch, 8; Red-breasted Nuthatch, 9; Brown Creeper, 10; Winter Wren, 9; Carolina Wren, 20; Mockingbird, 6; Robin, 66; Hermit Thrush, 19; Bluebird, 17; Golden-crowned Kinglet, 101; Ruby-crowned Kinglet, 34; Cedar Waxwing, 15; Starling, 21; English Sparrow, 25; Meadowlark, 11; Cardinal, 36; Purple Finch, 6; Pine Siskin, 14; Goldfinch, 116; Towhee, 4; Savannah Sparrow, 1 (Walker); Junco (both Slate-colored and Carolina observed), 250 (est.); Field Sparrow, 44; White-throated Sparrow, 69; Fox Sparrow, 2; Song Sparrow, 104. **Total,** 52 species; approximately 1967 individuals. A poor seed crop on spruce and fir this year may be a factor in scarcity of Pine Siskins and in absence of Red Crossbills.—C. O. Baird, Jr., Mr. and Mrs. Harvey Broome, Mary Ruth Chiles, Edward W. Dougherty, Frelan Goddard, John J. Hay, Mr. and Mrs. Earl O. Henry, Albert E. Hyder, Mr. and Mrs. H. P. Ijams, Lawrence Isenberg, Kermit Jennings, Ann King, Mrs. Frank Leonhardt. Dr. Henry Meyer, Mrs. Robert Monroe, Elise Morrell, S. A. Ogden, Mr. and Mrs. Walter B. Rohbock, Nat Smith, Dr. Gordon H. Tucker, William M. Walker, Jr., Dorothy E. Williams, William Yambert (members and guests East Tennessee Ornithological Society), Edwin L. Green, Jr., Joe F. Manley, Arthur Stupka (National Park Service).

Greeneville, Tenn. (Reed farm along Roaring Fork Creek, Lick Creek, Bays Mt.).—Dec. 26; 7.30 a.m. to 12 m., 1 to 4 p.m. Clear; windy; temp. 52° at start, 55° at return. Two observers, 3 miles on foot and 20 miles by car. Turkey Vulture, 24; Red-tailed Hawk, 1; Sparrow Hawk, 1; Killdeer, 2; Mourning Dove, 175+; Flicker, 9; Red-bellied Woodpecker, 7; Yellow-bellied Sapsucker, 2; Phoebe, 1; Horned Lark, 10; Blue Jay, 11; Crow, 570+; Chickadee, 16; Tufted Titmouse, 18; White-breasted Nuthatch, 2; Winter Wren, 1; Carolina Wren, 12; Mockingbird, 9; Bluebird, 18; Golden-crowned Kinglet, 1; Starling, 22; Myrtle Warbler, 3; Palm Warbler, 5; English Sparrow, 58+; Meadowlark, 11; Cowbird, 62; Cardinal, 14; Goldfinch, 16; Junco, 32; Field Sparrow, 3; White-crowned Sparrow, 5; White-throated Sparrow, 7; Song Sparrow, 9. **Total,** 33 species; approximately 1137 individuals.—Ruth Reed Nevius, Helen Reed.

Johnson City, Tenn. (area within a 15-mile diameter, with center in business section of the city).—Dec. 28; 7.45 a.m. to 5.15 p.m. Cloudy all day; ground bare; wind light, east; temp. 30° at start and 40° at return. Seven observers. Total hours, 16; total of 90 miles by car and afoot. Mallard, 26; Turkey Vulture, 4; Black Vulture, 1; Cooper's Hawk, 1; Red-tailed Hawk, 2; Sparrow Hawk, 6; Killdeer, 2; Mourning Dove, 9; Flicker, 18; Pileated Woodpecker, 1; Red-bellied Woodpecker, 2; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 1; Downy Woodpecker, 20; Blue Jay, 53; Crow, 59; Chickadee, 48; Tufted Titmouse, 59; White-breasted Nuthatch, 9; Brown Creeper, 1; Winter Wren, 1; Carolina Wren, 26; Mockingbird, 23; Robin, 13; Hermit Thrush, 6; Bluebird, 53; Golden-crowned Kinglet, 1; Cedar Waxwing, 10; Migrant Shrike, 2; Starling, 3000 (est.); Myrtle Warbler, 27; English Sparrow, 300 (est.); Meadowlark, 2; Cardinal, 37; Goldfinch, 71; Towhee, 4; Junco, 320; Field Sparrow, 14; White-crowned Sparrow, 57; White-throated Sparrow, 23; Fox Sparrow, 1; Song Sparrow, 40. **Total,** 42 species; approximately 4354 individuals.—Bruce P. Tyler, Robert B. Lyle, Ruby Doak, Ann King, Maxine McClain, Walter Hendrix, Albert E. Hyder.

Memphis, Tenn. (same areas as 1941, omitting lower end of Benjestown Rd., adding area south of airport).—Dec. 21; 6.45 a.m. to 5 p.m. Overcast all day; slight wind; temp. 45° to 64°. Separate auto parties north, to Raleigh, southeast and south, all day; equal 7 groups when on foot, 3 to 6 miles for each. Three separately on foot, east, 2 to 5 hours, 2 in Overton Park 2 hours, and 1 in cruiser on river 2 hours in late afternoon. Total, 67 party-hours. Pied-billed Grebe, 1; Double-crested Cormorant, 3; Great Blue Heron, 4; Canada Goose, 10; Mallard, 3; Canvas-back, 3; Lesser Scaup, 65; Buffle-head, 2; Turkey Vulture, 4; Black Vulture, 1; Sharp-shinned Hawk, 2; Cooper's Hawk, 3; Red-tailed Hawk, 16; Red-shouldered Hawk, 7; Marsh Hawk, 7; Sparrow Hawk, 22; Bob-white, 109; Coot, 2; Killdeer, 50; Wilson's Snipe, 1; Ring-billed Gull, 159; Mourning Dove, 265; Screech Owl, 1; Great Horned Owl, 2; Barred Owl, 1; Belted Kingfisher, 1; Flicker, 102; Pileated Woodpecker, 3; Red-bellied Woodpecker, 41; Red-headed Woodpecker, 16; Yellow-bellied Sapsucker, 9; Hairy Woodpecker, 10; Downy Woodpecker, 29; Phoebe, 1; Prairie Horned Lark, 3; Blue Jay, 313; Crow, 58; Carolina Chickadee, 134; Tufted Titmouse, 110; White-breasted Nuthatch, 5; Brown Creeper, 10; Winter Wren, 10; Bewick's Wren, 2; Carolina Wren, 110; Mockingbird, 110; Brown Thrasher, 13; Robin, 1081; Hermit Thrush, 30; Bluebird, 111; Golden-crowned Kinglet, 80; Ruby-crowned Kinglet, 16; Am. Pipit, 6; Cedar Waxwing, 147; Loggerhead Shrike, 53; Starling, 74; *Black and White Warbler*, 1; Myrtle Warbler, 250; English Sparrow, common; Meadowlark, 508; Red-wing, 110; Rusty Blackbird, 2; Bronzed Grackle, 5635; Cowbird, 61; Cardinal, 443; Purple Finch, 24; Goldfinch, 339; Towhee, 70; Savannah Sparrow, 51; Leconte's Sparrow, 1; Slate-colored Junco, 1053; Tree Sparrow, 12; Field Sparrow, 512; White-crowned Sparrow, 63; White-throated Sparrow, 1300; Fox Sparrow, 122; Swamp Sparrow, 72; Song Sparrow, 398; Lapland Longspur, 200. **Total,** 78 species; 14,658 individuals. Black and White Warbler found by Vincent on the 20th; very active, seen on census by Coffey, Tucker, and Vincent; again on 23d by Tucker, plus 1 *Yellow-billed Cuckoo* (weak condition) and 2 Orange-crowned Warblers. —Mr. and Mrs. Ben B. Coffey, Jr., Alice Smith, Austin Burdick, Jr., Ben Welch, Jr., Robt. Tucker, Joe Mason, Jr., Dr. and Mrs. C. E. Moore, Lawrence Kent, Luther Keeton, Brother I. Vincent, Billy Walker, Mrs. M. L. Torti, Maurice Torti, Jr., Dr. Louis Leroy, Mary and Anna Davant, Pauline James, An-

TOINETTE ANDERSON, PARKER WRIGHT (Memphis chapter, Tennessee Ornithological Society).

Nashville, Tenn. (environs of the city, including waterworks bottom, Knapp Farm, Franklin Road, Overton Hills, Radnor Lake, Hillsboro and Hobbs roads, Bellemeade, Warner park, Hill-wood, Davidson and River roads, Shelby park, Trimble bottom, and Cumberland River).—Dec. 21; 6 A.M. to 5 P.M. Clear in A. M., overcast in P.M.; ground bare; wind, very light; temp. 50° at start, 65° at mid-day. Twenty-four observers in 12 groups. Total miles afoot, 33; total hours afoot, 74. Pied-billed Grebe, 1; Great Blue Heron, 3; Mallard, 24; Black Duck, 26; Gadwall, 3; Redhead, 1; Ring-necked Duck, 31; Lesser Scaup, 38; Greater Scaup, 8; Hooded Merganser, 1; unidentified ducks, 100; Turkey Vulture, 4; Black Vulture, 53; Sharp-shinned Hawk, 2; Cooper's Hawk, 4; Red-tailed Hawk, 11; Red-shouldered Hawk, 2; Marsh Hawk, 2; Sparrow Hawk, 25; Bob-white, 24; Killdeer, 44; Woodcock, 1 (2d Christmas record); Wilson's Snipe, 6; (Red-backed ?) Sandpiper, 1 (first Christmas sandpiper record); Mourning Dove, 151; Screech Owl, 3; Great Horned Owl, 2; Barred Owl, 3; Belted Kingfisher, 16; Flicker, 64; Pileated Woodpecker, 21; Red-bellied Woodpecker, 37; Red-headed Woodpecker, 3; Yellow-bellied Sapsucker, 6; Hairy Woodpecker, 11; Downy Woodpecker, 57; Prairie Horned Lark, 92; Blue Jay, 43; Crow, 358; Carolina Chickadee, 151; Tufted Titmouse, 73; White-breasted Nuthatch, 2; Brown Creeper, 2; Winter Wren, 5; Bewick's Wren, 9; Carolina Wren, 37; Mockingbird, 131; Robin, 356; Hermit Thrush, 5; Bluebird, 200; Golden-crowned Kinglet, 6; Am. Pipit, 75; Cedar Waxwing, 88; Migrant Shrike, 7; Starling, 247; Myrtle Warbler, 30; English Sparrow, 240; Meadowlark, 144; Red-wing, 3; Rusty Blackbird, 106; Bronzed Grackle, 2; Cowbird, 75; Cardinal, 326; Goldfinch, 87; Towhee, 112; Savannah Sparrow, 4; Slate-colored Junco, 242; Field Sparrow, 66; White-crowned Sparrow, 15; White-throated Sparrow, 227; Fox Sparrow, 8; Swamp Sparrow, 11; Song Sparrow, 225. **Total,** 72 species; 4540 individuals.—MR. and MRS. B. H. ABERNATHY, CATHERINE ANDERSON, MILDRED BERRY, P. K. BRYANT, JOHN CALDWELL, J. B. CALHOUN, SAM CLARK, JR., A. F. GANIER (compiler), CONRAD JAMISON, MRS. F. C. LASKEY, G. R. MAYFIELD, GEO. MAYFIELD, JR., ALBERT MARSH, ARTHUR MCMURRAY, JAS. MERRIT, J. A. ROBINS, J. M. SHAVER, VERNON SHARP, JR., EDW. SCHREIBER, W. R. SPOFFORD, HARRY TRACY, H. S. VAUGHN, G. B. WOODRING (members Nashville chapter, Tennessee Ornithological Society).

Birmingham, Ala. (to Lake Purdy, Edgewood, East and Oxmoor lakes, Roberts' Field and environs, Lane Park, Elmwood Cemetery, woods, fields, and streams).—Dec. 21; 5.30 A.M. to 5.30 P.M. Fair; wind south, light; temp. 55° to 69°. Thirteen observers in 5 groups. Total miles afoot, 39; by car, 75; total hours afoot, 29; by car, 4. Pied-billed Grebe, 3; Ring-necked Duck, 1100 (est.); Lesser Scaup, 65; Turkey Vulture, 3; Black Vulture, 2; Sharp-shinned Hawk, 1; Cooper's Hawk, 1; Bob-white, 10; Coot, 56; Killdeer, 96; Wilson's Snipe, 1; Mourning Dove, 67; Screech Owl, 1; Great Horned Owl, 1; Belted Kingfisher, 9; Flicker, 17; Pileated Woodpecker, 5; Red-bellied Woodpecker, 10; Yellow-bellied Sapsucker, 2; Hairy Woodpecker, 4; Downy Woodpecker, 11; Red-cockaded Woodpecker, 1; Phoebe, 3; Blue Jay, 27; Crow, 12; Carolina Chickadee, 46; Tufted Titmouse, 5; White-breasted Nuthatch, 9; Brown-headed Nuthatch, 2; Brown Creeper, 1; Winter Wren, 9; Bewick's Wren, 1; Carolina Wren, 14; Short-billed Marsh Wren, 1; Mockingbird, 33; Robin, 9; Hermit Thrush, 2; Bluebird, 50; Golden-crowned Kinglet, 50; Ruby-crowned Kinglet, 11; Pipit, 40; Loggerhead Shrike, 2; Starling, 247; Myrtle Warbler, 1; Pine Warbler, 2; Yellow-throat, 1; English Sparrow, 134; Meadowlark, 73; Red-wing, 17; Grackle, 35; Cardinal, 46; Purple Finch, 2; Goldfinch, 47; Towhee, 74; Savannah Sparrow, 3; Vesper Sparrow, 12; Slate-colored Junco, 74; Chipping Sparrow, 13; Field Sparrow, 67; White-throated Sparrow, 316; Swamp Sparrow, 15; Song Sparrow, 161. **Total,** 62 species; approximately 3133 individuals.—RICHARD ADDLER, LEE BRADLEY, SAM CHESNUT, JR., FRANK HARRISON, BRANCH HOWE, G. C. LANTHRIP, DONALD LEE, MORTON H. PERRY, RALPH POWELL, MR. and MRS. M. F. PRATHER, C. and T. ZUKOSKI.

Geneva, Ala. (along levee and shores of Double Bridges Creek, east and north; across Choctawhatchie River and along eastern banks to Lake Geneva).—Dec. 26; 6 A.M. to 5 P.M. Clear; wind light, northeast; temp. 48° to 60°. Total hours afield, 7 (4 afoot, 3 by car); total miles afield, 14 (9 afoot, 5 by car). Black Vulture, 10; Sparrow Hawk, 3; Killdeer, 15; Mourning Dove, 30; Belted Kingfisher, 1; Flicker, 17; Red-bellied Woodpecker, 3; Downy Woodpecker, 2; Phoebe, 8; Blue Jay, 16; Crow, 4; Carolina Chickadee, 3; Tufted Titmouse, 6; Brown Creeper, 1; Carolina Wren, 4; Mockingbird, 9; Brown Thrasher, 4; Bluebird, 20; Loggerhead Shrike, 13; English Sparrow, 23; Meadowlark, 5; Red-wing, 18; Rusty Blackbird, 33; Cardinal, 11; Towhee, 11; Vesper Sparrow, 15; Chipping Sparrow, 1; Field Sparrow, 35; Song Sparrow, 7. **Total,** 29 species; 328 individuals.—REV. and MRS. W. B. CLEMMONS, ANNE, MARTHA and BILL CLEMMONS.

Wheeler National Wildlife Refuge, Decatur, Ala. (around and through Flint Creek Island, along water units and partially dewatered marsh edge, through hardwoods, pines, hedges, brush and thicket clumps, and agricultural fields).—Dec. 27; 9 A.M. to 5 P.M. Cloudy; wind northeast, light to moderate; temp. 40° at start, 45° at return. One observer. Total hours afield, 8 (on foot); total miles, 12. Pied-billed Grebe, 1; Great Blue Heron, 35; Mallard, 118; Black Duck, 26; Gadwall, 6; Wood Duck, 2; Ring-necked Duck, 41; Hooded Merganser, 16; Turkey Vulture, 12; Red-shouldered Hawk, 1; Marsh Hawk, 1; Sparrow Hawk, 1; Bob-white, 52; Killdeer, 14; Mourning Dove, 26; Flicker, 2; Hairy Woodpecker, 1; Downy Woodpecker, 1; Blue Jay, 6; Crow, 2; Carolina Chickadee, 10; Mockingbird, 2; Golden-crowned Kinglet, 3; Cedar Waxwing, 4; Loggerhead Shrike, 2; Myrtle Warbler, 4; English Sparrow, 51; Meadowlark, 65; Red-wing, 35; Cardinal, 16; Goldfinch, 35; Towhee, 1;

Savannah Sparrow, 2; Grasshopper Sparrow, 8; Henslow's Sparrow, 10; Vesper Sparrow, 36; Junco, 14; Field Sparrow, 101; White-throated Sparrow, 4; Swamp Sparrow, 50; Song Sparrow, 53. **Total,** 41 species; 870 individuals. Considerable decrease in waterfowl numbers due to low water stage of Tennessee River.—JOHN H. STEENIS.

Canton, Miss. (north 6 miles, in fields along I. C. R. R., then through pine woods to Highway 51, down same to Doak's Creek).—Dec. 24; 6.40 A.M. to 5 P.M. Fair; wet underfoot; calm; temp. 36° to 51°. About 15 miles on foot. Turkey Vulture, 4; Black Vulture, 8; Red-tailed Hawk, 3; Red-shouldered Hawk, 5; Marsh Hawk, 5; Sparrow Hawk, 4; Bob-white, 3; Killdeer, 46; Mourning Dove, 26; Belted Kingfisher, 1; Flicker, 11; Red-bellied Woodpecker, 12; Red-headed Woodpecker, 6; Hairy Woodpecker, 2; Downy Woodpecker, 3; Phoebe, 1; Blue Jay, 48; Crow, 10; Carolina Chickadee, 10; Tufted Titmouse, 2; Brown-headed Nuthatch, 6; Brown Creeper, 2; Winter Wren, 3; Bewick's Wren, 12; Carolina Wren, 4; Long-billed Marsh Wren, 1; Mockingbird, 10; Brown Thrasher, 5; Robin, 5, Bluebird, 15; Golden-crowned Kinglet, 74; Ruby-crowned Kinglet, 6; Am. Pipit, 3; Cedar Waxwing, 5; Loggerhead Shrike, 13; Starling, 26; Blue-headed Vireo, 1; Myrtle Warbler, 35; Pine Warbler, 5; English Sparrow, 80; Meadowlark, 142; Red-wing, 122; Bronzed Grackle, 37; Cardinal, 34; Goldfinch, 3; Towhee, 11; Savannah Sparrow, 78; Vesper Sparrow, 3; Slate-colored Junco, 57; Field Sparrow, 143; White-crowned Sparrow, 6; White-throated Sparrow, 140; Fox Sparrow, 8; Swamp Sparrow, 79; Song Sparrow, 27. **Total,** 55 species; 1411 individuals.—BEN B. COFFEY, JR.

Moon Lake (Lula), Miss. (same route and areas as 1940; more time spent in woods in A.M.).—Dec. 28; 6.50 A.M. to 5 P.M. Fair; ground very muddy; fresh wind; temp. 28° to 39° to 35°. Total miles by car, 60. Horned Grebe, 6; Pied-billed Grebe, 3; Double-crested Cormorant, 860; Mallard, 17; Gadwall, 3; Ring-necked Duck, 3; Canvasback, 10; Lesser Scaup, 88; Buffle-head, 7; Ruddy Duck, 800; Hooded Merganser, 610; Am. Merganser, 34; Red-breasted Merganser, 50; Turkey Vulture, 9; Black Vulture, 10; Red-tailed Hawk, 3; Red-shouldered Hawk, 3; Bald Eagle, 1; Marsh Hawk, 7; Sparrow Hawk, 7; Bob-white, 2; Killdeer, 57; Wilson's Snipe, 8; Herring Gull, 5; Ring-billed Gull, 100; unidentified gulls, 200; Mourning Dove, 64; Short-eared Owl, 1; Barred Owl, 1; Belted Kingfisher, 3; Flicker, 11; Pileated Woodpecker, 2; Red-bellied Woodpecker, 15; Red-headed Woodpecker, 4; Yellow-bellied Sapsucker, 2; Hairy Woodpecker, 4; Downy Woodpecker, 5; Phoebe, 1; Blue Jay, 17; Crow, 20; Carolina Chickadee, 20; Tufted Titmouse, 7; House Wren, 4; Winter Wren, 4; Carolina Wren, 14; Mockingbird, 9; Brown Thrasher, 8; Robin, 10; Hermit Thrush, 12; Golden-crowned Kinglet, 28; Ruby-crowned Kinglet, 8; Am. Pipit, 52; Loggerhead Shrike, 18; Starling, 43; Orange-crowned Warbler, 1; Myrtle Warbler, 35; English Sparrow, 74; Meadowlark, 163; Red-wing, 25; Bronzed Grackle, 2; small blackbirds, 50; Cardinal, 75; Goldfinch, 6; Towhee, 19; Savannah Sparrow, 78; Slate-colored Junco, 193; Tree Sparrow, 1; Field Sparrow, 145; White-crowned Sparrow, 3; White-throated Sparrow, 354; Fox Sparrow, 43; Swamp Sparrow, 98; Song Sparrow, 120. **Total,** 71 species; 4775 individuals. Burrowing Owl habitat of 1939 and 1940 visited; the owl was not seen but indications were that it is back this season and was at one burrow between our searches. The Orange-crowned Warbler was observed at 8 feet from auto. The Tree Sparrow was seen by Whittemore at 15 feet.—MR. and MRS. BEN B. COFFEY, JR., AUSTIN BURDICK, JR., JOE MASON, JR., ALICE SMITH, ROBT. TUCKER, BEN WELCH, JR., and FRED CARNEY, WENDELL WHITTEMORE, JIM VARDAMAN, R. TAYLOR, BROTHER I. VINCENT, O. S. MATTHEWS.

Moselle, Miss. (fields and woods along Leaf River as far as 5 miles west of Moselle, and through pine hill country as far as 4 miles east of Moselle).—Dec. 28; 7 A.M. to 4.40 P.M. Fair; stiff wind; temp. 32° at start, 54° at return. Three observers in 2 parties. Total hours afield, 18 (8 on foot, 10 by car); total party miles, 48 (9 on foot and 39 by car). Turkey Vulture, 23; Black Vulture, 1; Cooper's Hawk, 1; Red-shouldered Hawk, 3; Sparrow Hawk, 2; Killdeer, 8; Mourning Dove, 2; Flicker, 9; Red-bellied Woodpecker, 3; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 4; Downy Woodpecker, 1; Red-cockaded Woodpecker, 2; Phoebe, 2; Blue Jay, 19; Crow, 5; Carolina Chickadee, 46; Tufted Titmouse, 40; Red-breasted Nuthatch, 1; Brown-headed Nuthatch, 2; House Wren, 2; Carolina Wren, 3; Mockingbird, 24; Catbird, 1; Brown Thrasher, 5; Robin, 69; Hermit Thrush, 1; Bluebird, 69; Golden-crowned Kinglet, 5; Ruby-crowned Kinglet, 2; Loggerhead Shrike, 8; Pine Warbler, 52; Meadowlark, 98; Rusty Blackbird, 40; Cardinal, 32; Pine Siskin, 1; Towhee, 18; Vesper Sparrow, 35; Slate-colored Junco, 37; Chipping Sparrow, 20; Field Sparrow, 111; White-throated Sparrow, 86. **Total,** 42 species; 894 individuals.—MARIE GRAYSON, W. R. GRAYSON, EULA MOBBERLY.

Ann Arbor, Mich. (along the Huron River to a grove 4 miles east of town, by auto to Whitmore Lake, and up the Huron River to a woodlot 5 miles west of town).—Dec. 21; 7 A.M. to 12.30 P.M., 1 to 5 P.M. Clear; no snow on ground; river, lakes and ponds partly frozen; wind variable, fresh to strong, west to northwest; temp. 21° min., 34° max. First 5 hours, first 2 observers on foot; last 4 hours, 3 observers by auto and on foot; observers together. Miles on foot, 13; by auto, 43. Great Blue Heron, 1; Mallard, 12; Black Duck, 64; Am. Golden-eye, 12; Am. Merganser, 37; Red-tailed Hawk, 9; Red-shouldered Hawk, 2; Am. Rough-legged Hawk, 2; Marsh Hawk, 3; Bob-white, 4; Pheasant, 32; Herring Gull, 180; Ring-billed Gull, 4; Barred Owl, 1; Short-eared Owl, 1; Red-headed Woodpecker, 6; Hairy Woodpecker, 2; Downy Woodpecker, 12; Blue Jay, 24; Crow, 52; Black-capped Chickadee, 68; Tufted Titmouse, 47; White-breasted Nuthatch, 17; Brown Creeper, 2; Golden-crowned Kinglet, 19; Starling, 4; English Sparrow, 90; Cardinal, 22; Goldfinch, 17; Slate-colored Junco, 13; Tree Sparrow, 42; Song Sparrow, 2. **Total,** 32 species; 803 individuals.—J. L. GEORGE, H. H. WILCOX, JR., H. W. HANN

Battle Creek, Mich. (from Leila Arboretum, along the Kalamazoo River west of the city to the Guide-board Road then to Gull and Wintergreen Lakes, W. K. Kellogg Bird Sanctuary, in parts of Calhoun and Kalamazoo Counties).—Dec. 28; 9 A.M. to 4 P.M. Overcast; snowing most of the day, light, somewhat icy; rivers and lakes all open; wind north, moderate; visibility poor; temp. 30°. Observers in 3 groups: Group I, 4 observers, 15 hours, each individual covering 1 to 2 miles afoot, group 48 miles by car; group II, 3 observers, several hours during day at Wintergreen and Gull Lakes; group III, Peterson's feeding station, Battle Creek, all day. Canada Goose, 200+; Mallard, 900 (est.); Black Duck, 400 (est.); Pintail, 1; Shoveller, 2; Redhead, 2; Canvas-back, 16; Ring-necked Duck, 2; Am. Golden-eye, 105; Buffle-head, 2; Ruddy Duck, 1; Hooded Merganser, 2; Pheasant, 1; Coot, 9; Herring Gull, 4; Mourning Dove, 4; Flicker, 1; Hairy Woodpecker, 1; Downy Woodpecker, 4; Blue Jay, 6; Crow, 9; Black-capped Chickadee, 23; White-breasted Nuthatch, 3; Starling, 500+; English Sparrow, 75; Cardinal, 7; Purple Finch, 2; Goldfinch, 2; Slate-colored Junco, 12; Tree Sparrow, 45. **Total,** 30 species; approximately 2341 individuals.—EDWARD M. BRIGHAM, JR., EDWARD M. BRIGHAM, 3D, ROBERT JICKLING, MR. and MRS. N. THEODORE PETERSON, DAVID PIRNIE, MILES D. PIRNIE, JIM WALKINSHAW, LAWRENCE H. WALKINSHAW.

Bernard W. Baker Sanctuary *(Convis Twnsp., Calhoun Co.)*, Mich. (sanctuary area of the Michigan Audubon Society, the rest of the 'Big-Marsh' and Ackley Lake adjacent to the northern edge of the sanctuary).—Dec. 21; 9 A.M. to 4 P.M. Clear; wind southwest, strong; temp. about 30°; Ackley Lake open. Observers together. Am. Golden-eye, 1 (Ackley Lake); Cooper's Hawk, 1; Marsh Hawk, 1; Ruffed Grouse, 1 (droppings); Bob-white, 19 (1 covey); Pheasant, 1; Hairy Woodpecker, 1; Blue Jay, 2; Crow, 8; Black-capped Chickadee, 12; White-breasted Nuthatch, 3; Starling, 12; English Sparrow, 25; Cardinal, 2; Slate-colored Junco, 12; Tree Sparrow, 6. **Total,** 16 species; 107 individuals.—HAZEL BRADLEY, RICHARD TICE, LAWRENCE H. WALKINSHAW.

Cheboygan, Mich. (T. 38 N., R. 1. W., sections 22, 23, 26, 27, 34 and 35; area of Duncan and Grass Bays, and woods around Elliots Creek).—Dec. 27; 9 A.M. to 3.30 P.M. Clear and bright; 2-in. snow on ground; lake and creek partially frozen; wind variable, fresh to strong, northwest; temp. 16° min., 27° max. All observations on foot; mileage, 15. Am. Golden-eye, 22; Bald Eagle, 1; Ruffed Grouse, 4; Herring Gull, 1; Barred Owl, 1; Hairy Woodpecker, 2; Downy Woodpecker, 3; Black-capped Chickadee, 13; Golden-crowned Kinglet, 1; English Sparrow, 1; Redpoll, 50; Pine Siskin, 15; Snow Bunting, 26. **Total,** 13 species; 140 individuals. Dec. 28: Goshawk, 1; White-breasted Nuthatch, 1. Dec. 29: Arctic Three-toed Woodpecker, 1; Blue Jay, 3.—HARRY H. WILCOX, JR.

Detroit, Mich. (fields, woods, swamps and lake shore; 3 miles along St. Clair shores, 2½ miles along Rouge River in Rouge and Plymouth Parks, 2 miles in Bloomfield Hills and 3 miles in the vicinity of Lake Orion).—Dec. 27; 9 A.M. to 5 P.M. Cloudy; snowing; light snow on ground; streams open; wind northwest, 11 m.p.h.; temp. 32° to 35°. Twelve observers in 3 parties. Total hours afoot, 17½; total miles afoot, 10½; by car, 93. Great Blue Heron, 1; Canada Goose, 8; Mallard, 5; Black Duck, 82; Am. Merganser, 25; Red-tailed Hawk, 1; Rough-legged Hawk, 1; Marsh Hawk, 1; Sparrow Hawk, 5; Ruffed Grouse, 4; Bob-white, 23; Pheasant, 92; Herring Gull, 62; Ring-billed Gull, 1; Bonaparte's Gull, 1; Rock Dove, 15; Short-eared Owl, 1; Flicker, 1; Hairy Woodpecker, 1; Downy Woodpecker, 22; Blue Jay, 21; Crow, 24; Black-capped Chickadee, 54; Tufted Titmouse, 8; White-breasted Nuthatch, 20; Brown Creeper, 1; Golden-crowned Kinglet, 3; Northern Shrike, 1; Starling, 78 (est.); English Sparrow, 300 (est.); Cardinal, 23; Goldfinch, 1; Junco, 53; Tree Sparrow, 27. **Total,** 34 species; approximately 966 individuals.—HAZEL DEYARMOND, MR. and MRS. DICK FINDLAY, MRS. W. W. FLYNN, MARY ELLEN RUDOLPHI, MR. and MRS. CLARENCE MESSNER, BOBBY MESSNER, MRS. GRACE FLOOD, MARY CATHERINE ELLSWORTH, DR. EDWARD T. BOARDMAN, WALTER P. NICKELL (Detroit Audubon Club).

East Lansing, Mich. (M.S.C. campus and college woods along Red Cedar River, then to vicinity of Park Lake, and return, by automobile and afoot).—Dec. 23; 8 A.M. to 5.15 P.M. Light rain all day, clearing about 4 P.M.; ground bare; wind light to moderate, south-southeast; temp. 48° at start, 52° at return. Observers together. Total miles afoot, 12; total hours afoot, 7½; total miles by car, 15; total hours by car, ¾. Red-tailed Hawk, 1; Rough-legged Hawk, 1; Bob-white, 7; Pheasant, 17; Barred Owl, 2; Flicker, 1; Hairy Woodpecker, 4; Downy Woodpecker, 14; Blue Jay, 6; Crow, 6; Black-capped Chickadee, 32; White-breasted Nuthatch, 5; Brown Creeper, 3; Starling, 40; English Sparrow, 132; Cardinal, 22; Purple Finch, 5; Tree Sparrow, 4. **Total,** 18 species; 302 individuals.—THERON L. INGERSOLL, BRUCE V. WILSON, L. CLAIRE HULBERT.

Muskegon, Mich. (Norton Township Park, Black Lake, Pontaluna, Snug Harbor, Muskegon Channel, sand dunes, jack pine forest, and beach of Lake Michigan).—Dec. 27; 8.45 A.M. to 5.30 P.M. Cloudy; slight snow on ground; wind velocity, 7 m.p.h.; temp. 32° at start, 31° at return. Ten observers. Total hours afield, 8¾ (1¾ by car, 7 afoot); total miles, 40 (12 afoot, 28 by car). Mallard, 130; Black Duck, 150; Greater Scaup, 9000; Am. Golden-eye, 25; Am. Merganser, 280; Ruffed Grouse, 7; Herring Gull, 3433; Ring-billed Gull, 17; Belted Kingfisher, 1; Downy Woodpecker, 4; Blue Jay, 5; Black-capped Chickadee, 21; Tufted Titmouse, 3; White-breasted Nuthatch, 1; Robin, 1; Bohemian Waxwing, 12 (flock feeding on wild grape seeds and positively identified by the white in their wings and by their peculiar and more pronounced call); Cedar Waxwing, 2; Starling, 32; English Sparrow, 47; Cardinal, 1; White-winged Crossbill, 4 (flock feeding on seeds of pine cones; crossed bills clearly seen); Song Sparrow, 1; Snow Bunting, 830. **Total,** 23 species; 14,007 individuals.—MRS. PAUL ELLIOTT, MISS A. VERNE

Fuller, Beverly J. Holcomb, Doris Peterson, John High, Donald Russell, George M. Wickstrom, Lyle Kingshot, Bonnie J. Gillette, Betty M. Six (Muskegon Bird Club).

Fort Wayne, Ind. (along Wabash R. R. 10 miles southwest of city, Lake Everett, 12 miles west of city, northeast along lake and creek).—Dec. 23; 8.30 a.m. to 4.30 p.m. Cloudy; ground bare; lake and creek open; light south wind; temp. 50° at start, 56° at return. About 25 miles by auto, 8 miles on foot. Observers together. Marsh Hawk, 1; Bob-white, 1; Pheasant, 1; Rock Dove, 25; Mourning Dove, 18; Flicker, 5; Hairy Woodpecker, 7; Downy Woodpecker, 19; Blue Jay, 3; Crow, 32; Chickadee, 205; Tufted Titmouse, 17; White-breasted Nuthatch, 16; Brown Creeper, 1; Golden-crowned Kinglet, 2; Starling, 2; English Sparrow, 300 (est.); Red-wing, 22; Cardinal, 45; Goldfinch, 13; Red-eyed Towhee, 2; Junco, 30; Tree Sparrow, 85; Song Sparrow, 53. **Total,** 24 species; approximately 905 individuals.—Howard H. Michaud, Frank Ebersole, Robert Hattersley, Jr.

Gary, Ind. (east on N.Y.C. tracks from 4th and Virginia past steel mills, north through woods to Lake Michigan, following shore east ¼ mile, then south into dunes and east past Lake and Porter county line, south about 1 mile to lesser permanent dunes and west to Inland Manor).—Dec. 26; 7.30 a.m. to 2.30 p.m. Overcast; ground bare; strong winds, shifting south to west; temp. 41° at start, 37° at return. One observer. Total hours on foot afield, 7; total miles, about 15. Am. Merganser, 3; hawk, 1 (buteo, too far away to identify); Marsh Hawk, 1; Glaucous Gull, 1 (in company of 4 Herring Gulls, seen at 50 to 100 yards with strong glass; very white, no black at all); Herring Gull, 100; Ring-billed Gull, 20; Red-headed Woodpecker, 11; Blue Jay, 18; Crow, 6; Black-capped Chickadee, 71; Tufted Titmouse, 5; Brown Creeper, 2; Starling, 2; English Sparrow, 500 (est.); Cardinal, 1; Junco, 2; Tree Sparrow, 10. **Total,** 17 species; 754 individuals.—Raymond Grow. [Another report, submitted by Esther Boal, covering much of the same territory lists the following species in addition to those above: Yellow-bellied Sapsucker, 1; Downy Woodpecker, 8. Count was made on Dec. 27 by 6 observers working together for 6 hours and covering 6 miles. Total, 11 species; 132 individuals.—Ed.]

Indianapolis, Ind. (along White River including Holliday Park, Butler campus, Riverside, sewage disposal plant and Maywood, along Fall Creek northeast from fairgrounds to Woollen's Gardens and Boy Scout Camp, along Pleasant Run at Garfield Park, Irvington and east, along Pogues Run at Tech High, and also Bacon's Swamp, Heights, and center of city).—Dec. 22; 7 a.m. to 4.30 p.m. Cloudy, light rain after noon; ground muddy; 25-mile east wind; temp. 48° at start, 51° at return. Thirty-six observers in 16 parties. Total party hours afield, 67¾ (60¾ on foot, 7 by car); total party miles, 77½ (52½ on foot, 25 by car). Canada Goose, 17; Blue Goose, 2 (1 listed on 1940 bird count); Mallard, 94; Black Duck, 4; Gadwall, 10; Baldpate, 2; Green-winged Teal, 1; Ring-necked Duck, 4; Red-breasted Merganser, 2; Cooper's Hawk, 6; Red-shouldered Hawk, 2; Marsh Hawk, 1; Sparrow Hawk, 4; Bob-white, 14; Rock Dove, 111; Mourning Dove, 129; Barred Owl, 2; Belted Kingfisher, 11; Flicker, 12; Red-bellied Woodpecker, 17; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 5; Downy Woodpecker, 87; Horned Lark, 150; Blue Jay, 58; Crow, 314; Black-capped Chickadee, 63; Carolina Chickadee, 53; Tufted Titmouse, 116; White-breasted Nuthatch, 46; Brown Creeper, 19; Winter Wren, 3; Carolina Wren, 13; Bluebird, 6; Golden-crowned Kinglet, 7; Starling, 16,235; Myrtle Warbler, 1 (H. Wright, Val Nolan, W. Wesp, C. Marks); English Sparrow, 547; Bronzed Grackle, 7; Cardinal, 200; Pine Siskin, 10 (flocks have remained for a month); Goldfinch, 25; Towhee, 2; Slate-colored Junco, 594; Tree Sparrow, 309; Song Sparrow, 126; **Total,** 46 species; 19,442 individuals.—Mr. and Mrs. Joel Hadley, Sidney Esten, Wayne Palmer, June Woodward, Virginia Esten, Mrs. Estelle Bell, Dr. B. C. Getchell, Charlotte Grosskopf, Mildred Campbell, John Dittrick, Elizabeth Downhour, Dr. M. D. Baumgartner, Palmer Skaar, Howard Wright, Val Nolan, Charles Marks, Walter Wesp, Will Smolenski, Max Tuttle, Mrs. Rachel Scott, Mrs. Ralph Bidgood, John Kirkhoff, James Cook, Glenn Webb, Scott Calvert, J. P. Lahr, Pauline Vonnegut, Mr. and Mrs. Francis McDowell, Donald Klopp, Katherine Graves, Marian White, Dorothy White, Ruby Wolfe, Margaret Knox.

W. Lafayette, Ind. (southwest along Wabash River 7 miles, then north and east by back roads).—Dec. 24; 5.30 a.m. to 3.45 p.m. Very light rain until 10 a.m., heavily clouded; ground bare; wind west, light to moderate; temp. 40° at start and finish, 42° max.; barometer rose .2". Total hours, 10¼ (8 on foot, 2¼ by car); total miles, 37 (13 on foot, 24 by car). Mallard, 1; Lesser Scaup, 9; Am. Golden-eye, 3; Red-tailed Hawk, 3; Bob-white, 17 (2 coveys); Pheasant, 1; Rock Dove, 43; Mourning Dove, 1; Screech Owl, 1; Belted Kingfisher, 2; Flicker, 2; Red-bellied Woodpecker, 5; Hairy Woodpecker, 7; Downy Woodpecker, 36; Horned Lark, 3; Blue Jay, 10; Crow, 475; Black-capped Chickadee, 18; Tufted Titmouse, 43; White-breasted Nuthatch, 6; Brown Creeper, 8; Carolina Wren, 3; Golden-crowned Kinglet, 2; Starling, 2500 (est.); English Sparrow, 149; Cardinal, 12; Slate-colored Junco, 14; Tree Sparrow, 21; Song Sparrow, 14. **Total,** 29 species; approximately 3409 individuals.—I. W. Burr.

Carbondale, Ill. (Crab Orchard Lake Project Area, 3 miles east of Carbondale; open fields on north side of lake from office to Carterville Crossroad; open lake from office to Illinois Ordinance Plant property; woodlands within a radius of 1 mile west, southwest, south of Trailside Museum; along park road 4½ miles to Little Grassy Creek and 1 through grassy bottoms).—Dec. 27; 9.40 a.m. to 3.30 p.m. Stratus clouds; ground bare, wet; lake rough; wind north, moderate; temp. 37° at start, 35° at return. Ten observers in 4 parties. Total hours afield, 19 (5½ by boat, 12 on foot, 1½ by car); total party miles, 44½ (18 by boat, 22 afoot, 4½ by car). Loon, 3; Mallard, 1349; Black Duck, 70; Canvas-back, 5;

Lesser Scaup, 10; Buffle-head, 9; Ruddy Duck, 3; Am. Merganser, 101; Red-shouldered Hawk, 1; Marsh Hawk, 1; Sparrow Hawk, 1; Coot, 205; Herring Gull, 53; Common Tern, 6 [Bonaparte's Gull?–Ed.]; Great Horned Owl, 1; Flicker, 8; Red-bellied Woodpecker, 1; Yellow-bellied Sapsucker, 2; Hairy Woodpecker, 10; Downy Woodpecker, 6; Horned Lark, 50; Blue Jay, 17; Crow, 19; Chickadee, 20; Tufted Titmouse, 106; White-breasted Nuthatch, 6; Winter Wren, 2; Mockingbird, 2; Robin, 60; Bluebird, 21; Starling, 21,665 (est.); English Sparrow, 64 (est.); Meadowlark, 6; Cardinal, 18; Purple Finch, 4; Goldfinch, 6; Towhee, 2; Junco, 277; Tree Sparrow, 517 (est.); Field Sparrow, 7; Fox Sparrow, 8; Song Sparrow, 505. **Total,** 42 species; approximately 25,227 individuals.—Beverly McBride, Troy Dorris, Audrey Hill, W. M. Marberry, John Hicks, Julius Swain, Virgil Drew, Paul Kniffen, Nolen McFarland, Aden Bauman.

Chautauqua National Wildlife Refuge, Havana, Ill. (Chautauqua and Clear Lakes and Quiver Creek bottoms, along the water and marsh edge, hardwood, margins and along agricultural field).—Dec. 28; 8.30 a.m. to 4 p.m. Cloudy; ground bare; wind west changing to north, strong; temp. 22° at start, 16° at return. Three observers in 2 parties. Total miles by car, 30; on foot, 7; by boat, 14; total party hours afield, 8½. Double-crested Cormorant, 17; Canada Goose, 75; Mallard, 650,000 (est.); Black Duck, 6000 (est.); Pintail, 50; Green-winged Teal, 1; Shoveller, 6; Wood Duck, 6; Canvas-back, 500 (est.); Lesser Scaup, 700 (est.); Golden-eye, 65; Buffle-head, 11; Ruddy Duck, 225; Hooded Merganser, 45; Am. Merganser, 8; Red-tailed Hawk, 1; Bald Eagle, 3; Marsh Hawk, 1; Coot, 32; Herring Gull, 21; Mourning Dove, 6; Screech Owl, 1; Great Horned Owl, 1; Barred Owl, 1; Red-bellied Woodpecker, 7; Hairy Woodpecker, 2; Downy Woodpecker, 4; Blue Jay, 1; Crow, 3; Black-capped Chickadee, 23; Tufted Titmouse, 6; White-breasted Nuthatch, 9; Northern Shrike, 1; Starling, 600 (est.); English Sparrow, 15; Rusty Blackbird, 40; Cardinal, 27; Slate-colored Junco, 37; Tree Sparrow, 117. **Total,** 39 species; approximately 658,668 individuals.—Homer L. Bradley, Milfred J. Smith, Vincent Connor.

East St. Louis, Ill. (Lake Park, Mounds State Park, and Horseshoe Lake region).—Dec. 28; 8 a.m. to 5 p.m. Cloudy, then partly fair; temp. 25° at start, 31° at return. Ten observers working in 1 party. Total miles, 26 (25 by car, 1 afoot). Mallard, 142; Black Duck, 2; Gadwall, 146; Baldpate, 14; Pintail, 179; Green-winged Teal, 57; Shoveller, 103; Ring-necked Duck, 122; Canvas-back, 10; Lesser Scaup, 84; Buffle-head, 5; Red-shouldered Hawk, 1; Rough-legged Hawk, 1; Sparrow Hawk, 7; Herring Gull, 3; Ring-billed Gull, 12; Red-headed Woodpecker, 3; Downy Woodpecker, 3; Prairie Horned Lark, 40; Crow, 11; Black-capped Chickadee, 3; Tufted Titmouse, 3; Brown Creeper, 1; Migrant Shrike, 1; Starling, 35; Myrtle Warbler, 1; English Sparrow, 65; European Tree Sparrow, 4; Cardinal, 1; Slate-colored Junco, 8; Tree Sparrow, 29; Fox Sparrow, 2; Song Sparrow, 2. **Total,** 33 species; 1100 individuals.—Wayne Short, Sydney Heckler, Helen Einspanier, Alberta Bolinger, Mildred Reese, Ethel Wolfe, Ethel Von Hahn, Marie Loth, Marie Fischer, Beulah Bedell (Washington University Adult Study Center Popular Ornithology Class).

Elsah, Ill. (Principia College campus to Chautauqua and Lock Haven and return).—Dec. 27; 7.30 a.m. to 4.30 p.m. Cloudy, occasional light rain; ground bare; wind west, moderate; temp. 40° at start, 38° at return. Five observers mostly together. Total hours afield, 9 (8 on foot, 1 by car); total miles, 20 (8 on foot, 12 by car). Double-crested Cormorant, 1; unidentified ducks, 8; Bald Eagle, 1 (imm.); Herring Gull, 3; Ring-billed Gull, 12; Red-bellied Woodpecker, 8; Downy Woodpecker, 9; Crow, 251; Black-capped Chickadee, 15; Tufted Titmouse, 27; White-breasted Nuthatch, 5; Brown Creeper, 1; Mockingbird, 2; Bluebird, 15; unidentified kinglets, 12; English Sparrow, 35; Cardinal, 32; Goldfinch, 3; Slate-colored Junco, 117; Tree Sparrow, 4; White-throated Sparrow, 3; Song Sparrow, 7. **Total,** 22 species; 571 individuals.—George B. Happ, Oscar Hawksley, Robert Leonard, Janet McHugh, Charles L. Remington.

Glen Ellyn, Ill. (fields and woods as far as 7 miles west of Glen Ellyn, 3 miles south, including the Morton Arboretum).—Dec. 28; 9 a.m. to 4 p.m. Cloudy; ground partially covered with snow; light snow flurries in a.m.; wind northwest; temp. 18° to 22°. Five observers. Red-shouldered Hawk, 2; Red-bellied Woodpecker, 1; Red-headed Woodpecker, 1; Downy Woodpecker, 5; Blue Jay, 1; Crow, 37; Black-capped Chickadee, 53; White-breasted Nuthatch, 1; Robin, 1; Golden-crowned Kinglet, 19; Starling, 26; English Sparrow, 38; Cardinal, 7; Junco, 32. **Total,** 14 species; 224 individuals.—Mrs. R. A. Van Lone, Mrs. C. C. Choyce, Mrs. Henry Davis, Mrs. Wm. B. Garrett, Caroline Klug (members Benjamin T. Gault Bird Club).

Moline, Ill. (Rock River shore near Davis power plant, through woods at Black Hawk State Park, islands near power plant, and return).—Dec. 22; 8.30 a.m. to 5 p.m. Sky overcast; rain at intervals; no snow; ice on shallow water; west wind; temp. 44° at start, 48° at return. Eleven observers working in 1 party. Total hours afield, 8½; total miles afoot, 7. Duck (?), 2; Herring Gull, 3; Mourning Dove, 2; Great Horned Owl, 1; Barred Owl, 1; Hairy Woodpecker, 2; Downy Woodpecker, 3; Blue Jay, 7; Black-capped Chickadee, 20; Tufted Titmouse, 2; White-breasted Nuthatch, 4; Brown Creeper, 1; Robin, 3; English Sparrow, 84; Cardinal, 6; Slate-colored Junco, 5. **Total,** 16 species; 146 individuals.—Seward Palmgren, Bernice Wiklund, Joan Wells, Mary Peterson, Howard Simpson, Barbara Erickson, Barbara Murchie, Bernard Beckmann, Darlene Iggstrom, Elbert Pearson, Margaret E. Engstrom.

Pere Marquette State Park, Grafton, Ill. (park, Federal area, and wildlife refuge, as well as War Department property along the Illinois River, and farms in between; an area 15 miles long and 8 miles wide).—Dec. 28; 4 a.m. to 6 p.m.

Overcast but clear; light snow in morning; wind from 35 to 20 miles, shifting; temp. 28° to 33°. Thirty-five observers in 6 groups. Total hours, 61; total miles by car, 62; by boat, 6; afoot, 35½. Cormorant, 15; Mallard, 1283; Black Duck, 10; Gadwall, 527 (seen by all groups at close range for half hour); Baldpate, 3; Pintail, 558; Green-winged Teal, 357; Redhead, 2; Ring-necked Duck, 2; Scaup, 154; Golden-eye, 18; Am. Merganser, 4; Red-breasted Merganser, 15; Cooper's Hawk, 1; Red-tailed Hawk, 14; Red-shouldered Hawk, 3; Rough-legged Hawk, 3; Bald Eagle, 9; Marsh Hawk, 12; Sparrow Hawk, 24; Pigeon Hawk, 3 (observed by Dale and others at close range with 10× glasses); Bob-white, 8; Coot, 7; Herring Gull, 16; Ring-billed Gull, 55; Rock Dove, 50 (about a large rock quarry where they nest); Mourning Dove, 17; Screech Owl, 1; Great Horned Owl, 2; Barred Owl, 1; Short-eared Owl, 3 (at dusk over marsh); Kingfisher, 3; Flicker, 79; Pileated Woodpecker, 9; Red-bellied Woodpecker, 78; Red-headed Woodpecker, 22; Yellow-bellied Sapsucker, 2; Hairy Woodpecker, 14; Downy Woodpecker, 104; Horned Lark, 6; Blue Jay, 54; Crow, 992; Chickadee, 115; Tufted Titmouse, 193; White-breasted Nuthatch, 58; Brown Creeper, 6; Carolina Wren, 36; Robin, 17; Hermit Thrush, 2 (seen for weeks about the Trailside Museum); Bluebird, 48; Ruby-crowned Kinglet, 4 (seen by 3 different groups); Cedar Waxwing, 200 (est.); Migrant Shrike, 3; Starling, 182; Yellow-throat, 1 (seen at close range by 4 expert observers); English Sparrow, 1952; European Tree Sparrow, 45; Red-wing, 120; Rusty Blackbird, 106; Cowbird, 13; Cardinal, 396; Goldfinch, 125; Junco, 595; Tree Sparrow, 501; Field Sparrow, 1; Fox Sparrow, 12; Swamp Sparrow, 6; Song Sparrow, 40. **Total,** 68 species; approximately 9317 individuals. —Mrs. Guy Bonney, Jack Buesse, Charley Callahan, Jane Coogan, Dave Dale, Jack Decker, Mildred Dunlope, Carl Esswein, L. Freeman, Ches. Harris, Wilbur Hertenstein, Cora Hutchinson, Louise Hutchinson, O. C. K. Hutchinson, Tom Hutchinson, Al Kaszynski, Cel Kaszynski, Leonard Levitt, Mrs. E. Link, Rev. George M. Link, Helen Lohmeier, Don Menke, Nell Menke, Frib Newcomer, William O'Brien, Peter Paul, Shirley Paul, Ida Plummer, Bill Robertson, Mary Agnes Steiren, Lora Ward, Alice Waterbury, Ann Waterbury, Beatrice Waterbury, Neil Waterbury (members Pere Marquette Nature League and guests).

Morrison, Ill. (along osage-orange hedges, across open upland fields, through red cedar and oak-timbered bluffs and lowlands east of Mississippi River in northwestern Whiteside Co.).—Dec. 25; 10.30 a.m. to 4.30 p.m. Cloudy; no snow; moderate east wind; temp. 35° at start, 33° at return. Two observers. Total miles afoot, 6; total hours afoot, 5½. Red-tailed Hawk, 2; Bob-white, 11; Great Horned Owl, 1; Hairy Woodpecker, 1; Downy Woodpecker, 3; Red-bellied Woodpecker, 1; Horned Lark, 5; Blue Jay, 15; Crow, 10; Black-capped Chickadee, 18; White-breasted Nuthatch, 7; Starling, 3; English Sparrow, 30; Meadowlark, 1; Cardinal, 12; Goldfinch, 2; Slate-colored Junco, 4; Tree Sparrow, 24. **Total,** 18 species; 150 individuals.—Calvin Cameron Remmers, John C. Aggen.

Springfield, Ill. (same area as in previous years, radiating 7½ miles from Springfield as center, and including Lake Springfield).—Dec. 26; 7 a.m. to 5 p.m. Rainy; strong west wind; temp. 40°. Fourteen observers in 6 groups. Total hours, 38; total miles afoot, 28. Double-crested Cormorant, 6; Canada Goose, 85; Mallard, 10,250 (est.); Black Duck, 502; Red-legged Black Duck, 2; Pintail, 3; Ring-necked Duck, 6; Lesser Scaup, 42; Am. Golden-eye, 2; Hooded Merganser, 6; Am. Merganser, 150; Red-breasted Merganser, 6; Red-tailed Hawk, 2; Red-shouldered Hawk, 4; Sparrow Hawk, 7; Bob-white, 31; Pheasant, 1; Ring-billed Gull, 77; Screech Owl, 2; Barred Owl, 2; Kingfisher, 5; Flicker, 11; Red-bellied Woodpecker, 16; Red-headed Woodpecker, 1; Hairy Woodpecker, 19; Downy Woodpecker, 39; Blue Jay, 29; Crow, 170; Chickadee, 101; Tufted Titmouse, 92; White-breasted Nuthatch, 28; Brown Creeper, 4; Winter Wren, 2; Carolina Wren, 7; Brown Thrasher, 1; Bluebird, 3; Golden-crowned Kinglet, 3; Starling, 3000 (est.); English Sparrow, 960; Bronzed Grackle, 8; Cardinal, 109; Purple Finch, 5; Goldfinch, 26; Junco, 216; Tree Sparrow, 69; White-crowned Sparrow, 1; Fox Sparrow, 1; Song Sparrow, 26; Lapland Longspur, 1. **Total,** 49 species; approximately 16,139 individuals.—Bill O'Brien, Rev. George M. Link, N. E. Nilsson, Christine Bonney, Lois Hardbarger, Helen Lohmeier, Charlotte Dubois, Bill Robertson, Lena Hardbarger, Edith Sutton, Lois Hopwood, Mrs. J. W. Park, Helen Marcusson, Mrs. Fullenwider (members Springfield Nature League).

Urbana-Champaign, Ill. (Trelease and Brownfield Woods, Crystal Lake Park, farmlands, Sangamon River floodplain woods).—Dec. 27; 8.30 a.m. to 5 p.m. Cloudy; moderate northwest wind; temp. 30°. Five observers in 3 groups in morning and 2 groups in afternoon. Total miles by auto, 60; afoot, 12. Red-tailed Hawk, 1; Rough-legged Hawk, 1; Marsh Hawk, 2; Sparrow Hawk, 2; Barred Owl, 1; Flicker, 7; Red-bellied Woodpecker, 11; Red-headed Woodpecker, 2; Hairy Woodpecker, 11; Downy Woodpecker, 25; (Prairie?) Horned Lark, 10; Blue Jay, 26; Crow, 76; Black-capped Chickadee, 12; Tufted Titmouse, 20; White-breasted Nuthatch, 12; Brown Creeper, 7; Winter Wren, 1; Carolina Wren, 3; Robin, 2; Golden-crowned Kinglet, 3; Starling, 100; English Sparrow, 120; Cardinal, 33; Purple Finch, 1; Goldfinch, 16; Slate-colored Junco, 62; Tree Sparrow, 131; Song Sparrow, 7. **Total,** 29 species; 705 individuals.—Mr. and Mrs. A. F. Satterthwait, Mrs. R. R. Snapp, H. R. Wanless, S. C. Kendeigh.

Waukegan, Ill. (Lake Michigan, offshore, shore, dunes, flats, meadows and woods, area 4 miles long, 2 miles wide).—Dec. 28; 9 a.m. to 4 p.m. Partly cloudy; wind west-southwest, 12 m.p.h.; temp. 28°. Eight observers. Total party hours, 7; party miles, 19. Lesser Scaup, 1; Am. Golden-eye, 300 (est.); Old-squaw, 40; Am. Merganser, 100 (est.); Rough-legged Hawk, 2; Pheasant, 7; Herring Gull, 300 (est.); Bonaparte's Gull,

1000 (est.); Hairy Woodpecker, 4; Downy Woodpecker, 1; Blue Jay, 3; Crow, 4; Black-capped Chickadee, 4; Red-breasted Nuthatch, 3; Golden-crowned Kinglet, 2; Starling, 25; English Sparrow, 200 (est.); Red-wing, 1; Slate-colored Junco, 1; Tree Sparrow, 30. **Total,** 20 species; approximately 2028 individuals.—O. C. Durham, Roy Smith, Roy Smith, Jr., P. M. Vixey, D. V. Cowin, Miss L. Draheim, Mrs. A. G. Baldwin, Karl E. Bartell.

Appleton, Wisc. (riverbanks, lake fronts, open fields, willow and alder thickets, cedar and tamarack swamps, hardwoods, city parks and streets, and cemetery).—Dec. 22; 6 A.M. to 4.30 P.M. Cloudy; dense fog at 4 P.M.; ground bare, except in few sheltered places; wind southeast, brisk to light; temp. 40° at start, 40° at return. Five observers in 4 parties. Total hours afield, 18 (11 on foot, 7 by car); total party miles, 133 (22 on foot, 111 by car). Mallard, 14; Black Duck, 100; Am. Golden-eye, 181; Am. Merganser, 80; Ruffed Grouse, 1; Herring Gull, 15; Hairy Woodpecker, 7; Downy Woodpecker, 6; Blue Jay, 12; Crow, 18; Black-capped Chickadee, 43; White-breasted Nuthatch, 26; Brown Creeper, 19; Golden-crowned Kinglet, 1; Starling, 28; English Sparrow, 300+; Cardinal, 1; Goldfinch, 160+; Junco, 5; Snow Bunting, 1. **Total,** 20 species; approximately 1018 individuals.—Mr. and Mrs. Walter E. Rogers, Ben Seaborne, Dexter Wolfe, Mrs. H. L. Playman.

Baraboo, Wisc. (Devil's Lake Park, thence by car north to wooded bottomlands along Wisconsin River).—Dec. 28; 9 A.M. to 4 P.M. Cloudy; no wind; 6-in. fresh snow on ground and clinging to trees and shrubs; temp. 16° to 20°; visibility poor in A.M. Twenty miles by car; 16 on foot. Lesser Scaup, 6; Am. Golden-eye, 79; Hooded Merganser, 6; Am. Merganser, 2; Red-breasted Merganser, 1; Bob-white, 10±; Pheasant, 2; Herring Gull, 2; Pileated Woodpecker, 3; Hairy Woodpecker, 11; Downy Woodpecker, 3; Blue Jay, 13; Crow, 6; Black-capped Chickadee, 22; White-breasted Nuthatch, 8; Starling, 7; English Sparrow, 40+; Cardinal, 2; Goldfinch, 5; Slate-colored Junco, 23; Tree Sparrow, 4. **Total,** 21 species; about 255 individuals.—J. J. Hickey.

Genoa, Wisc.—Dec. 25; 7 A.M. to 5 P.M. Overcast; north wind; intermittent light rain; ground bare; temp. app. 25°. Distance walked, 15 miles. Mallard, 57; Black Duck, 3; Pintail, 3; Am. Merganser, 13; Red-tailed Hawk, 1; Bald Eagle, 4; Bob-white, 16; Herring Gull, 45; Flicker, 1; Pileated Woodpecker, 3; Red-bellied Woodpecker, 18; Red-headed Woodpecker, 4; Hairy Woodpecker, 2; Downy Woodpecker, 11; Blue Jay, 61; Crow, 5; Black-capped Chickadee, 51; White-breasted Nuthatch, 18; Starling, 201; English Sparrow, 374; Red-wing, 15; Cardinal, 58; Goldfinch, 12; Junco, 61; Tree Sparrow, 257. **Total,** 25 species; 1294 individuals.—W. Hall.

Green Bay, Wisc. (city parks and cemeteries and surrounding country, woods, swamps, fields, and bay shore).—Dec. 28; 7.30 A.M. to 4 P.M. Partly cloudy; raw northwest wind; very light snow; temp. 16° at start, 24° at return; 4-in. snow on ground. Eleven observers working in 5 groups. Total party hours afield, 29 (21½ afoot, 7½ by car); total party miles, 155 (29 afoot, 126 by car). Am. Golden-eye, 29; Am. Merganser, 1; Rough-legged Hawk, 1; Ruffed Grouse, 2; Pheasant, 14; Herring Gull, 63; Screech Owl, 1; Great Horned Owl, 5; Saw-whet Owl, 1; Red-headed Woodpecker, 4; Hairy Woodpecker, 3; Downy Woodpecker, 19; Northern Horned Lark, 54; Blue Jay, 68; Crow, 3; Chickadee, 116; White-breasted Nuthatch, 30; Red-breasted Nuthatch, 1; Robin, 1; Golden-crowned Kinglet, 3; Northern Shrike, 2; Starling, 72; English Sparrow, 1325; Evening Grosbeak, 9; Purple Finch, 2; Pine Grosbeak, 4; Redpoll, 53; Pine Siskin, 1; Goldfinch, 8; Tree Sparrow, 40; White-crowned Sparrow, 1 (seen at feeding stand with Pine Siskin and English Sparrows, able to fly, 3 observers within 10 feet of it—Clara and Ray Hussong, Dorothy Ford); Lapland Longspur, 50; Snow Bunting, 350. **Total,** 33 species; 2336 individuals.—E. O. Paulson, E. J. Welti, Chester Krawczyk, John Holtermann, R. P. Hussong, J. B. Kendall, Dorothy C. Ford, Vernon Krawczyk, Clara Hussong, B. Chartier (Green Bay Bird Club).

Madison, Wisc. (Lakes Kegonsa and Waubesa, Arboretum, south and west shores of Lake Mendota).—Dec. 21; 6 A.M. to 4 P.M. Partly cloudy; ground bare; temp. 34° at start, 39° at return. Seventeen observers working in 5 parties. Total party hours afield, 23 (20 afoot, 3 by car); total party miles, 91 (19 afoot, 72 by car). Loon, 3 (Mrs. Barger, Mrs. Koehler, *et al.*); Mallard, 419; Black Duck, 8; Lesser Scaup, 35; Am. Golden-eye, 219; Old-squaw, 1 (Thompson, Mitchell); Hooded Merganser, 1; Am. Merganser, 21; Red-breasted Merganser, 1; Cooper's Hawk, 1; Red-tailed Hawk, 1; Red-shouldered Hawk, 1 (Robbins); Rough-legged Hawk, 1; Marsh Hawk, 5; Bob-white, 6; Pheasant, 30; Herring Gull, 28; Ring-billed Gull, 7; Mourning Dove, 14; Screech Owl, 1 (found dead); Great Horned Owl, 1; Belted Kingfisher, 2; Red-headed Woodpecker, 10; Hairy Woodpecker, 10; Downy Woodpecker, 40; Northern Horned Lark, 39; Blue Jay, 185; Crow, 42; Chickadee, 93; Tufted Titmouse, 2 (Mrs. Koehler, *et al.*); White-breasted Nuthatch, 38; Red-breasted Nuthatch, 2; Brown Creeper, 5; Robin, 4; Golden-crowned Kinglet, 9; Starling, 121; Yellow-throat, 1 (Robbins); English Sparrow, 1550; Rusty (?) Blackbird, 1; Cardinal, 22; Purple Finch, 4; Goldfinch, 8; Red Crossbill, 1 (Robbins, Catenhusen); Junco, 73; Tree Sparrow, 173; Song Sparrow, 1; Snow Bunting, 1. **Total,** 46 species; 3241 individuals.—Mr. and Mrs. N. R. Barger, John Catenhusen, Ellen Hoffman, Ethel Horton, Silas Johnson, Mrs. F. R. Jones, Bill Kellman, Mrs. A. Koehler, George Koehler, Earl Mitchell, Richard Paull, Walter Raushenbush, Sam Robbins, Ruth Stillman, Dan Thompson, Mrs. R. A. Walker (Madison Bird Club).

Madison, Wisc. (around Lake Mendota on foot, excluding area within Madison city limits).—Dec. 24; 7 A.M. to 5 P.M. Cloudy; ground bare; strong north wind; lake open; temp. 33° at start, 32° at return. Observers together. Distance walked, 20 miles. Loon, 4; Canada Goose, 8;

Mallard, 4; Black Duck, 90; Gadwall, 20; Redhead, 6; Ring-necked Duck, 12; Canvas-back, 20; Lesser Scaup, 110; Golden-eye, 450; Buffle-head, 20; Old-squaw, 3; Ruddy Duck, 2; Hooded Merganser, 8; Am. Merganser, 25; Red-breasted Merganser, 5; Marsh Hawk, 1; Pheasant, 30; Coot, 1000 (est.); Herring Gull, 50; Ring-billed Gull, 15; Great Horned Owl, 1; Barred Owl, 1; Red-bellied Woodpecker, 1; Red-headed Woodpecker, 2; Hairy Woodpecker, 15; Downy Woodpecker, 8; Blue Jay, 60; Crow, 30; Chickadee, 50; White-breasted Nuthatch, 20; Brown Creeper, 5; Mockingbird, 1; Golden-crowned Kinglet, 10; Starling, 80; English Sparrow, 600 (est.); Cardinal, 10; Siskin, 4; Goldfinch, 1; Slate-colored Junco, 18; Tree Sparrow, 100 (est.); Lapland Longspur, 1. **Total,** 42 species; about 2901 individuals.—Arnold Jackson, Jr., N. R. Barger.

Racine, Wisc. (Racine harbor to Wind Point, to north county line along the dike; Washington Park, Graceland woods and 1½ miles along Root River; Doc's sanctuary and Petrifying Springs).—Dec. 26; 7.30 A.M. to 5 P.M. Sky heavily clouded, fog with some mist falling in early morning; snow fell from 2 P.M. on; moderate west wind; ground sparsely covered with snow in morning, covered at evening; temp. 35° at start, 30° at return. Four observers in 3 groups. Total party hours, 19½; total party miles, 44 (28 by bicycle and car, 16 on foot). Buffle-head, 30; Am. Golden-eye, 556; Old-squaw, 9; Am. Rough-legged Hawk, 1; Red-tailed Hawk, 1; Sparrow Hawk, 3; Pheasant, 30; Bonaparte's Gull, 2; Ring-billed Gull, 41; Herring Gull, 680; Mourning Dove, 1; Long-eared Owl, 1; Screech Owl, 1; Kingfisher, 1; Downy Woodpecker, 3; Hairy Woodpecker, 1; Blue Jay, 8; Chickadee, 6; White-breasted Nuthatch, 3; Brown Creeper, 1; Golden-crowned Kinglet, 6; Starling, 224; English Sparrow, 121; Cardinal, 4; Purple Finch, 2; Goldfinch, 1; Fox Sparrow, 1; Tree Sparrow, 50; Junco, 26; Lapland Longspur, 3125 (est., 3 flocks); Snow Bunting, 25 (est.). **Total,** 31 species; approximately 4964 individuals.—Dr. B. L. von Jarchow, Elmer Hanson, Edward and George Prins.

Stoughton, Wisc. (both sides of Yahara River from city limits to Skaalen's Bridge, then to Lake Kegonsa on west side of river, and return across open fields).—Dec. 28; 8.30 A.M. to 4.30 P.M. Cloudy; snow flurries all day; 6-in. new snow on ground; wind west, light; temp. 14° at start, 20° at finish. Four observers in 2 parties. Total hours afield, 14 (all afoot); total party miles, 30 (all afoot). Black Duck, 49; Am. Golden-eye, 3; Red-tailed Hawk, 1; Marsh Hawk, 1; Pheasant, 5; Herring Gull, 8; Barred Owl, 1; Short-eared Owl, 1; Red-headed Woodpecker, 5; Hairy Woodpecker, 3; Downy Woodpecker, 9; Blue Jay, 16; Crow, 8; Black-capped Chickadee, 32; White-breasted Nuthatch, 8; Starling, 2; English Sparrow, 30; Cardinal, 2; Junco, 100; Tree Sparrow, 94; Snow Bunting, 1. **Total,** 21 species; 379 individuals.—Arthur Amundson, Jr., James B. Hale, Arthur Scheldrup, Douglas Stokstad.

Watertown, Wisc. (Mashkigi Wateg Swamps south of Watertown, Rock River from Pipersville to Watertown to Hahn's Lake, Vulture's Tamarack, Faville's Grove Game Area, and Rock Lake; about 8 miles of river and half of Rock Lake with open water).—Dec. 21; 7.30 A.M. to 5.30 P.M. Clear; ground bare; wind southwest, light; temp. 28° at start, 36° at return. Ten observers in 4 parties. Total hours afield, 34 (31 afoot, 3 by car); total party miles, 114 (60 on foot, 54 by car). Ring-necked Duck, 2; Am. Golden-eye, 46; Hooded Merganser, 2; Am. Merganser, 31; Cooper's Hawk, 1; Red-tailed Hawk, 5; Rough-legged Hawk, 1; Marsh Hawk, 11; Ruffed Grouse, 3; Hungarian Partridge, 13; Bob-white, 13; Pheasant, 141; Coot, 12; Herring Gull, 53; Ring-billed Gull, 18; Mourning Dove, 1; Screech Owl, 1; Barred Owl, 1; Great Horned Owl, 3; Long-eared Owl, 1; Short-eared Owl, 1; Flicker, 50; Red-headed Woodpecker, 2; Hairy Woodpecker, 29; Downy Woodpecker, 54; Horned Lark, 11; Blue Jay, 63; Crow, 294; Black-capped Chickadee, 381; White-breasted Nuthatch, 42; Brown Creeper, 6; Robin, 1; Golden-crowned Kinglet, 8; Northern Shrike, 1; Starling, 108 (est.); English Sparrow, 515 (est.); Red-wing, 200 (est.); Cardinal, 4; Purple Finch, 1; Redpoll, 116; Pine Siskin, 5; Goldfinch, 6; Slate-colored Junco, 60; Tree Sparrow, 1162 (est.); Song Sparrow, 2; Lapland Longspur, 21; Snow Bunting, 2. **Total,** 47 species; 3504 (est.) individuals.—Arnold Bolle, Mr. and Mrs. Arthur Hawkins, Frank Kozlik, Earl Loyster, Glen Niere, Oliver Owen, Alfred Wallner, Ernest Wentland, Elton Bussewitz.

Waukesha, Wisc. (Mukwonago marsh area; Pewaukee lake, one end of which was open for the first time in years, and areas in between).—Dec. 26; 7 A.M. to 1 P.M. Cloudy; first snowstorm of the year the night before, 3 inches; wind west; temp. 32° at start, 38° on return; light snow flurries. Four observers in 1 party. Total hours afield, 6 hours; 8 miles afoot, 22 miles by car. Am. Merganser, 6; European Partridge, 5 (1 covey); Pheasant, 1; Herring Gull, 8; Hairy Woodpecker, 1; Downy Woodpecker, 8; Blue Jay, 12; Crow, 40; Black-capped Chickadee, 23; White-breasted Nuthatch, 2; Robin, 1; Starling, 3; English Sparrow, 100+; Tree Sparrow, 2; Lapland Longspur, (2 flocks, numbers undetermined). **Total,** 16 species; 212+ individuals.—Dick Soulen, Bill Peterson, Prof. V. P. Batha, Vernon C. Rossman, Benj. F. Goss (Waukesha Bird Club).

Duluth, Minn. (Lester Park, Bass Pond; Lake Superior shore at mouth of Lester River; up and down the Lester River for a distance of 12 miles).—Dec. 22; 10 A.M. to 4.15 P.M. Cloudy, light rain, fog; 5-in. snow; wind moderate, east; temp. 33° to 37°. One observer. Miles afoot, 14; hours afoot, 6. Golden-eye, 16; Herring Gull, 11; Pileated Woodpecker, 1; Hairy Woodpecker, 1; Downy Woodpecker, 4; Arctic Three-toed Woodpecker, 1; Blue Jay, 1; Chickadee, 18; Golden-crowned Kinglet, 1; Starling, 5; English Sparrow, 17; Evening Grosbeak, 9; Pine Grosbeak, 6; Redpoll, 20. **Total,** 14 species; 111 individuals. Flock of Bohemian Waxwings on the 23d.—Richard Bateman.

Fairmont, Minn. (woods along shores of South Silver and Iowa lakes, including birds seen from car in trip to and from lakes).—Dec. 25; 7.30

A.M. to 5 P.M. Overcast; sleet, ground bare; wind southeast, light to moderate; temp. 31° at start, 30° at return. Three observers together. Total hours afield, 6½ (5 on foot, 1½ by car); total party miles, 37 (12 on foot, 25 by car). Mallard, 2000 (est.); Black Duck, 1; Pintail, 1; Wood Duck, 2; Rough-legged Hawk, 1; Bob-white, 15; Pheasant, 3; Great Horned Owl, 1; Barred Owl, 2; Flicker, 2; Hairy Woodpecker, 9; Downy Woodpecker, 10; Blue Jay, 2; Crow, 4; Black-capped Chickadee, 44; Hudsonian Chickadee, 1; White-breasted Nuthatch, 7; Red-breasted Nuthatch, 1; Brown Creeper, 18; Robin, 2; Golden-crowned Kinglet, 5; Cedar Waxwing, 1; English Sparrow, 46; Junco, 3. **Total,** 24 species; approximately 2181 individuals.—DR. G. H. LUEDTKE, LAURA HILMER, DONALD W. SYDOW.

Fort Snelling, Minn. (home to Cretin High School, through Highland Park to Ft. Snelling, along Minnesota River to Bass Pond, to Cedar Ave. and back to Izaak Walton ponds).—Dec. 28; 8.30 A.M. to 4.30 P.M. Clear, cloudy early; 5-in. snow; no wind; temp. 20° at start, 20° at return. Observers together. Total hours afield, 8; total miles on foot, 16½. Mallard, 77; Green-winged Teal, 2; Shoveller, 1; Canvas-back, 1; Red-shouldered Hawk, 1; Pheasant, 67; Coot, 1; Wilson's Snipe, 1; Belted Kingfisher, 1; Red-bellied Woodpecker, 3; Hairy Woodpecker, 6; Downy Woodpecker, 9; Blue Jay, 13; Black-capped Chickadee, 33; White-breasted Nuthatch, 8; Brown Creeper, 7; Golden-crowned Kinglet, 3; Starling, 24; English Sparrow; 100 (est.); Cardinal, 8; Redpoll, 2; Goldfinch, 2; Slate-colored Junco, 19; Tree Sparrow, 45 (est.). **Total,** 24 species; approximately 434 individuals. The Teal, Shoveller, and Coot were all seen at close range on the same pond.—BYRON E. HARRELL, BROTHER HUBERT LEWIS, WILLIAM H. LONGLEY.

Minneapolis, Minn. (Theodore Wirth Park to Ft. Snelling Pond, Bass Pond, Nine Mile Creek, and Minnesota River to Bloomington Ferry, all within radius of 15 miles).—Dec. 22; 8 A.M. to 4 P.M. Cloudy, fog to light mist; ground mostly bare, spotted with melting snow; wind northwest, light; temp. 35° at start, 32° at return. Nine observers in 3 parties. Total hours afield, 19 (12½ on foot, 6½ by car); total party miles, 97 (14 on foot, 83 by car). Pied-billed Grebe, 1; Mallard, 33; Shoveller, 2; Canvas-back, 1; Cooper's Hawk, 1; Am. Rough-legged Hawk, 2; Pheasant, 81; Coot, 1; Ring-billed Gull, 1; Snowy Owl, 1; Barred Owl, 2; Belted Kingfisher, 3; Pileated Woodpecker, 1; Red-headed Woodpecker, 1; Hairy Woodpecker, 18; Downy Woodpecker, 29; Blue Jay, 85; Black-capped Chickadee, 75; White-breasted Nuthatch, 28; Brown Creeper, 11; Golden-crowned Kinglet, 4; Bohemian Waxwing, 1; Starling, 265; English Sparrow, 1200 (est.); Cardinal, 13; Purple Finch, 2; Redpoll, 2; Goldfinch, 15; Slate-colored Junco, 27; Tree Sparrow, 36. **Total,** 30 species; approximately 1942 individuals. —MISS L. M. ALER, MRS. E. S. JENSEN, MRS. I. A. LUPIENT, MRS. C. R. NELSON, MRS. C. R. PROCTOR, MRS. E. D. SWEDENBORG, MRS. J. A. THOMPSON, MRS. R. H. WELLS, and MISS KATHERINE YERXA (Minneapolis Audubon Society).

Whitewater to Weaver, Minn. (fields and woods between Whitewater State Park and the Mississippi River at Weaver).—Dec. 21; 8 A.M. to 5.30 P.M. Cloudy; ground partially covered by snow; wind light, northwest; temp. 28° at start, 40° at return. Six observers in 2 parties. Total hours afield, 14 (4 on foot and 10 by car); total party miles, 115 (5 on foot, 110 by car). Mallard, 3; Red-tailed Hawk, 9; Rough-legged Hawk, 1; Rock Dove, 100 (est.); Flicker, 3; Pileated Woodpecker, 1; Red-bellied Woodpecker, 16; Red-headed Woodpecker, 8; Hairy Woodpecker, 6; Downy Woodpecker, 5; Blue Jay, 100 (est.); Crow, 25; Black-capped Chickadee, 40 (est.); White-breasted Nuthatch, 28; Brown Creeper, 4; Starling, 18; English Sparrow, 1000 (est.); Bronzed Grackle, 1; Cowbird, 1; Cardinal, 20; Goldfinch, 35; Slate-colored Junco, 30; Tree Sparrow, 100 (est.). **Total,** 23 species; approximately 1554 individuals.—DR. and MRS. F. R. KEATING, DR. and MRS. BROWN DOBYNS, DR. and MRS. RICHARD ALLYN.

Backbone State Park (Delaware Co.), Iowa.—Dec. 24; 9 A.M. to 4 P.M. Cloudy all day; ground bare, all streams open, and no frost in the ground; very light north wind; temp. 34° at start, 36° at return. Total foot mileage per person, about 6; trip included an auto ride from Winthrop to the park and return, the census including birds seen along the road. Observers together. Cooper's Hawk, 1; Red-tailed Hawk, 1; Pheasant, 3; Screech Owl, 1 (heard at night); Belted Kingfisher, 1; Pileated Woodpecker, 1; Red-bellied Woodpecker, 5; Hairy Woodpecker, 1; Downy Woodpecker, 2; Blue Jay, 35; Crow, 220 (flock of 200+ in a cornfield, and 20 others at other places); Chickadee, 4; White-breasted Nuthatch, 5; Starling, 35; English Sparrow, 25 (seen only around farm buildings); Bronzed Grackle, 1 (this bird had a wing that had been injured but healed and was no doubt delayed in migration); Cardinal, 3; Purple Finch, 1; Goldfinch, 23; Tree Sparrow, 70; Lapland Longspur, 40. **Total,** 21 species; 478 individuals.—MYRLE L. JONES, PAUL A. PIERCE, FRED J. PIERCE.

Cedar Falls, Iowa (Josh Higgins Park, Fishers Lake; Bruhn's Cedars, Snag Creek; open deciduous timber).—Dec. 22; 8 to 11.30 A.M., 1 to 4.45 P.M. Light drizzle, soft under foot, visibility poor; light north wind; temp. 52° at start, 45° at noon, 34° at return. Six observers working in 2 parties. Total hours afield, 7¼ (afoot); total miles afield, 6 (afoot). Red-tailed Hawk, 2; Red-shouldered Hawk, 1 (Bliese, Lowe, Thompson); Bob-white, 8; Red-bellied Woodpecker, 1 (identified by call and then at close range—Rugg); Hairy Woodpecker, 1 (Rugg, Eiler, Lynn); Downy Woodpecker, 8; Blue Jay, 21; Crow, 16; Black-capped Chickadee, 67; White-breasted Nuthatch, 14; Brown Creeper, 8; Bluebird, 4; Starling, 10; English Sparrow, 20; Cardinal, 37; Goldfinch, 9; Slate-colored Junco, 34; Tree Sparrow, 45. **Total,** 18 species; approximately 306 individuals.—MRS. C. H. THOMPSON, MRS. FLORENCE LOWE, MRS. JOHN BLIESE, MRS. ARTHUR LYNN, MRS. BURNESS EILER, MRS. RUSSELL RUGG (Cedar Falls Audubon Society).

Cedar Rapids, Iowa (Ellis Park, thence to Manhattan, southeast of Cedar Rapids along Cedar River Road to a distance of 7 miles, and west along 2 of the side roads for a few miles).—Dec. 21; 9 A.M. to 12 M., and 1.30 to 4.30 P.M. Sky somewhat cloud filled, but sunny during middle of day; ground bare; mild wind, southeast; temp. 40° at start, 56° at return. Nine observers, in 2 groups in the afternoon. Total hours afield, 8 (5 on foot, 3 by car); total party miles, 24 (7 on foot, 17 by car). Great Blue Heron, 1; Sparrow Hawk, 1; Belted Kingfisher, 1; Flicker, 8; Red-bellied Woodpecker, 4; Red-headed Woodpecker, 3; Hairy Woodpecker, 6; Downy Woodpecker, 8; Blue Jay, 10; Crow, 3; Black-capped Chickadee, 74; Tufted Titmouse, 2; White-breasted Nuthatch, 13; Starling, 4; English Sparrow, 50; Cardinal, 21; Goldfinch, 1; Slate-colored Junco, 71; Tree Sparrow, 54. **Total,** 19 species; 335 individuals.—MR. and MRS. E. W. STEFFEN, MR. and MRS. ROSS LUND, LILLIAN SERBOUSEK, HAZEL COOK, MARGARET LAHR, MYRA WILLIS, VIRGINIA SLAUSON (Cedar Rapids Bird Club).

Des Moines, Iowa (Water Works Park or Charles Sing Denman Wood, Walnut Wood State Park, Doves Woods along Beaver Creek, Morning Star and Fisher's Lake area, Crocker Woods and Waukonsa Park along Des Moines River; afoot and by automobile).—Dec. 26; 8 A.M. to 5 P.M. Fresh, wet snow of 4½ inches on ground; snow clinging thickly to all twigs and branches; all water open; very light wind, southeast in A.M., changing to northwest in P.M.; overcast most of day; temp. 28° at start, 27° at return. Eight observers in 5 parties. Total hours afield, 34 (26 on foot, 8 by car); total party miles, 123 (31 on foot, 92 by car). Mallard, 257; Golden-eye, 1 (watched for about 15 minutes—Wendelburg, Smith); Sharp-shinned Hawk, 1; Red-tailed Hawk, 6; Red-shouldered Hawk, 1; Rough-legged Hawk, 5; Marsh Hawk, 8; Sparrow Hawk, 2; Bob-white, 34; Mourning Dove, 37; Screech Owl, 2; Great Horned Owl, 3; Barred Owl, 3; Long-eared Owl, 1; Kingfisher, 1; Flicker, 11; Red-bellied Woodpecker, 10; Red-headed Woodpecker, 2; Hairy Woodpecker, 14; Downy Woodpecker, 62; Prairie Horned Lark, 6; Blue Jay, 34; Crow, 3896; Chickadee, 270; Titmouse, 80; White-breasted Nuthatch, 75; Brown Creeper, 3; Carolina Wren, 1 (seen and observed at close range for over a period of 3 weeks in and near Crocker Woods—Peasley); Brown Thrasher, 1; Robin, 2; Bluebird, 11; Golden-crowned Kinglet, 3; Starling, 6; English Sparrow, 755; Meadowlark, 2; Redwing, 50; Cardinal, 192; Purple Finch, 27; Common Redpoll, 1; Goldfinch, 44; Junco, 805; Tree Sparrow, 919; Harris's Sparrow, 1; Song Sparrow, 4. **Total,** 44 species; 7649 individuals.—MRS. TONI R. WENDELBURG, MRS. JOHN WILLIAMSON, DWIGHT SMITH, OLIVIA MCCABE, MRS. HAROLD R. PEASLEY, MRS. PAUL ANDERSON, MRS. RUSSELL GRAVES, MRS. A. J. BINSFELD (Des Moines Audubon Society).

Dubuque, Iowa (Linwood Cemetery, Mt. Calvary Cemetery, Eagle Point Park high above the Mississippi, Durango among wooded hills, south to Massey Station on the river).—Dec. 21; 8.30 A.M. to 3.30 P.M. Partly cloudy; clear much of the day, though hazy on the river; ground bare; no wind; temp. 35° at start, 55° at return. Thirty party miles by car, 4 miles afoot. Observers in 5 cars worked as a single party in morning; in afternoon as 4 groups. Bob-white, 6; Bald Eagle, 1; Herring Gull, 15; Ring-billed Gull, 1; Great Horned Owl, 1; Barred Owl, 4; Long-eared Owl, 3; Short-eared Owl, 1; Flicker, 1; Pileated Woodpecker, 2; Red-bellied Woodpecker, 3; Red-headed Woodpecker, 7; Yellow-bellied Sapsucker, 4; Hairy Woodpecker, 7; Downy Woodpecker, 14; Blue Jay, 25; Crow, 75; Chickadee, 100; Tufted Titmouse, 8; White-breasted Nuthatch, 14; Red-breasted Nuthatch, 6; Brown Creeper, 5; Golden-crowned Kinglet, 8; Cedar Waxwing, 50; Starling, 2; English Sparrow, 350; Cardinal, 20; Evening Grosbeak, 20 (our only Dubuque record); Purple Finch, 2; Pine Siskin, 10; Goldfinch, 12; Slate-colored Junco, 120; Tree Sparrow, 70. **Total,** 33 species; 967 individuals.—MARGARET KOHLMAN, IVAL SCHUSTER, DAVID REED, PAUL HERRMANN, E. P. HEUSER, BOB MCCOMISH, AL KWASKY, HENRY HERRMANN, E. A. HEMSLEY, MARY YOUNG, LYLE BRADLEY, JACK TUPPER, CLIFFORD BLADES, MRS. R. W. JOHNSON, MR. and MRS. C. O. JOHNSON (Dubuque Bird Club).

Fairfield, Iowa (west on the C. B. & Q. railroad track approximately 4 miles, southeast along Cedar Creek 3 miles, and back to town along the Rock Island track).—Dec. 25; 8.30 A.M. to 4.30 P.M. Temp. near freezing all day; sleet at 3.30 P.M.; wind north to east. Total miles, 12. Sparrow Hawk, 1; Flicker, 3; Red-bellied Woodpecker, 2; Hairy Woodpecker, 2; Downy Woodpecker, 20; Blue Jay, 10; Crow, 12; Black-capped Chickadee, 53; Tufted Titmouse, 8; White-breasted Nuthatch, 30; Starling, 2; Cardinal, 4; Purple Finch, 46; Common Redpoll, 1; Goldfinch, 19; Slate-colored Junco, 125; Tree Sparrow, 159; Song Sparrow, 4. **Total,** 18 species; 511 individuals.—JOHN GOODMAN.

Grinnell, Iowa (fields and wooded valleys, south and southwest of Grinnell within 10 miles of the town).—Dec. 22; 8 A.M. to 4 P.M. Heavily clouded; wind south, moderate, changing in P.M. to northwest; temp. 48° at start, rising to 50° and falling to 38°; several light rains; ground bare, soft. Three observers in 1 party. Total hours afield, 6 (about 4 on foot, 2 by car); total party miles, about 23 (3 on foot, 20 by car). Red-tailed Hawk, 2; Pheasant, 6; Red-bellied Woodpecker, 2; Red-headed Woodpecker, 1; Hairy Woodpecker, 2; Downy Woodpecker, 4; Blue Jay, 5; Crow, 62; Black-capped Chickadee, 14; White-breasted Nuthatch, 4; Starling, 88 (est.); English Sparrow, 50 (est.); Meadowlark, 1; Cardinal, 1; Goldfinch, 28; Junco, 20; Tree Sparrow, 55 (est.). **Total,** 17 species; approximately 345 individuals.—MRS. ED. S. PARISH, HENRY S. CONARD, J. ALFRED ADAMS.

Sioux City, Iowa (Big Sioux River from Riverside Park to War Eagle's Park, Graceland and Logan Park Cemeteries, Stone Park,

Brower's Lake, South Ravine, Missouri River 'jungle').—Dec. 21; 8 A.M. to 4 P.M. Overcast; ground bare; no wind; temp. 30° at start, 40° at return. Nine observers working in 4 parties. Total party hours, 20 (16 afoot, 4 by car); total party miles, 138 (9 on foot, 129 by car). Pintail, 5; Am. Merganser, 3; Rough-legged Hawk, 1; Marsh Hawk, 1; Sparrow Hawk, 1; Pheasant, 1; Great Horned Owl, 1; Belted Kingfisher, 1 (on open portion of Big Sioux—Asmussen); Flicker, 5; Red-shafted Flicker, 1 (Stone Park—Laffoon); Red-bellied Woodpecker, 1; Red-headed Woodpecker, 2; Hairy Woodpecker, 3; Downy Woodpecker, 5; Horned Lark, 30; Crow, 1200 (est.); Chickadee, 32; White-breasted Nuthatch, 5; Red-breasted Nuthatch, 1 (Mrs. Marie Dales—has been in or near her yard since late October); Brown Creeper, 8; Starling, 7; English Sparrow, 175; Red-wing, 3; Cardinal, 1; Goldfinch, 28; Slate-colored Junco, 115; Tree Sparrow, 25. **Total,** 27 species; 1661 individuals.—MR. and MRS. W. J. ARMOUR, MR. and MRS. HERROLD ASMUSSEN, BARBARA BAILEY, MRS. MARIE DALES, JEAN LAFFOON, ZELL C. LEE, MONTE LLOYD (Sioux City Bird Club).

Fayette, Mo. (New City Lake and territory between Fayette and the city lake).—Dec. 25; 9.30 A.M. to 3.30 P.M. Cloudy and rain in afternoon; strong wind from the east; temp. 40°. Six miles in car and about 14 miles on foot, all within 6 miles of Fayette. Mallard, 2; Red-tailed Hawk, 2; Rough-legged Hawk, 1; Rock Dove, 3; Mourning Dove, 41; Barred Owl, 1; Flicker, 27; Pileated Woodpecker, 1; Red-bellied Woodpecker, 4; Hairy Woodpecker, 1; Downy Woodpecker, 14; Blue Jay, 4; Crow, 33; Black-capped Chickadee, 57; Tufted Titmouse, 28; White-breasted Nuthatch, 2; Brown Creeper, 3; Robin, 1; Bluebird, 6; Golden-crowned Kinglet, 3; Ruby-crowned Kinglet, 1; Starling, 2; English Sparrow, 20; Meadowlark, 1; Cardinal, 16; Goldfinch, 7; Junco, 100; Tree Sparrow, 39; Song Sparrow, 7. **Total,** 29 species; 427 individuals.—WILLIAM A. JENNER.

Glendale, Mo. (narrow strip along creek bordered with tall trees, through fields and woods).—Dec. 28; 9 A.M. to 12 M.; 12.45 P.M. to 4.15 P.M. Cloudy until noon, intermittent clouds in P.M.; wind west, 5 m.p.h.; temp. 27° at start, 33° at return. Nine observers. Total hours afield, 6½; total miles, about 6. Red-tailed Hawk, 2; Sparrow Hawk, 4; Bob-white, 25; Rock Dove, 23; Flicker, 3; Hairy Woodpecker, 7; Downy Woodpecker, 15; Red-bellied Woodpecker, 3; Blue Jay, 3; Crow, 13; Carolina Chickadee, 3; Tufted Titmouse, 15; White-breasted Nuthatch, 7; Brown Creeper, 1; Carolina Wren, 1; Bewick's Wren, 2; Mockingbird, 1; Bluebird, 11; Golden-crowned Kinglet, 2; Starling, 7; Cardinal, 37; Purple Finch, 2; Goldfinch, 2; Junco, 225 (est.); Tree Sparrow, 75 (est.). **Total,** 25 species; approximately 489 individuals.—JAMES OVERHOLT, JAMES JACKSON, JAMES HOLSEN, JAMES EARL COMFORT, DONALD GOEHAUSEN, MR. and MRS. CLINTON N. DAY, MRS. H. R. GRUMMANN, JACK VAN BENTHUYSEN.

Kansas City, Mo. and Kans. (survey limited to 5 distinct areas within a 15-mile diameter).—Dec. 21; 8.30 A.M. to 4 P.M. Cloudy; ground bare; strong south wind, max. 25 miles; temp. 51° at start, 60° at return. Twenty-five observers in 5 parties. Total hours afield, 31 (24½ on foot, 6½ by car); total party miles, 85½ (22½ on foot, 63 by car). Pied-billed Grebe, 1; Mallard, 445; Black Duck, 4; Gadwall, 5; Pintail, 2; Redhead, 5; Lesser Scaup, 9; Am. Golden-eye, 14; Buffle-head, 4; Hooded Merganser, 3; Am. Merganser, 103; Red-breasted Merganser, 2; Cooper's Hawk, 4; Red-tailed Hawk, 18; Krider's Hawk, 2; Harlan's Hawk, 1; Marsh Hawk, 1; Sparrow Hawk, 4; Bob-white, 10; Coot, 3; Rock Dove, 4; Great Horned Owl, 2; Barred Owl, 2; Kingfisher, 5; Flicker, 17; Red-bellied Woodpecker, 16; Hairy Woodpecker, 9; Downy Woodpecker, 29; Horned Lark, 20; Blue Jay, 33; Crow, 1593 (partly est.); Chickadee, 131; Tufted Titmouse, 39; White-breasted Nuthatch, 4; Red-breasted Nuthatch, 1; Brown Creeper, 9; Short-billed Marsh Wren, 1 (closely observed with 8× glasses in a slough near Parkville); Mockingbird, 1; Robin, 30; Bluebird, 12; Golden-crowned Kinglet, 15; Starling, 264; English Sparrow, 85; Meadowlark, 3; Red-wing, 4; Cardinal, 144; Goldfinch, 41; Red-eyed Towhee, 2; Arctic Towhee, 5; Slate-colored Junco, 673; Tree Sparrow, 296; Harris's Sparrow, 41; White-crowned Sparrow, 5; White-throated Sparrow, 7; Fox Sparrow, 12; Lincoln's Sparrow, 4 (studied carefully with 8× glasses); Swamp Sparrow, 3; Song Sparrow, 57. **Total,** 58 species and subspecies; 4259 (est.) individuals.—IVA LETA STANDLEY, HAROLD BURNHART, MR. and MRS. A. D. COLE, REX A. CONYERS, MR. and MRS. IRVING FAY, LENA FEIGHNER, DAVID FRISBY, DONALD FRISBY, JACQUELINE GIBBONS, MR. and MRS. F. L. HAGAMAN, HENRY M. HARFORD, MR. and MRS. HAROLD HEDGES, NEIL HELMERS, BERTHA MYERS, ESTHER O'CONNOR, A. E. SHIRLING, ELWOOD SHIRLING, RUSSEL SPOTSWOOD, MICHAEL VALENTINE, HESTER WILSON, JAMES W. CUNNINGHAM.

Lebanon, Mo. (radius of 3 miles).—Dec. 25; 9 A.M. to 3 P.M. Temp. 46°; light rain. Seven miles on foot. Observers together. Red-tailed Hawk, 3; Sparrow Hawk, 1; Mourning Dove, 75; Flicker, 1; Pileated Woodpecker, 2; Red-bellied Woodpecker, 4; Hairy Woodpecker, 2; Downy Woodpecker, 1; Prairie Horned Lark, 2; Blue Jay, 7; Crow, 20; Carolina Chickadee, 2; Tufted Titmouse, 13; White-breasted Nuthatch, 4; Carolina Wren, 1; Mockingbird, 2; Bluebird, 14; Starling, 2; English Sparrow, 15; Meadowlark, 37; Cowbird, 1; Cardinal, 27; Purple Finch, 17; Slate-colored Junco, 60 (est.); Tree Sparrow, 106 (est.); White-crowned Sparrow, 6. **Total,** 26 species; about 425 individuals.—GEORGE MOORE, POLLY MOORE, A. P. DRAPER.

Portage des Sioux, Mo. (Alton Dam area, Weber Lake, Marais Temps Clair—water, bottomland, woods).—Dec. 21; 8 A.M. to 2 P.M. Clear; temp. 46° at start, 65° at return. Twenty-two observers working in 1 party. Total miles, 22 (20 by car, 2 afoot). Double-crested Cormorant, 3; Mallard, 2; Canvas-back, 85; Lesser Scaup,

16; Am. Merganser, 1; Red-tailed Hawk, 2; Marsh Hawk, 3; Sparrow Hawk, 7; Coot, 2; Herring Gull, 3; Mourning Dove, 25; Flicker, 2; Pileated Woodpecker, 1; Red-bellied Woodpecker, 4; Red-headed Woodpecker, 6; Hairy Woodpecker, 2; Downy Woodpecker, 6; Prairie Horned Lark, 7; Blue Jay, 3; Crow, 60; Black-capped Chickadee, 6; Tufted Titmouse, 12; White-breasted Nuthatch, 6; Brown Creeper, 6; Carolina Wren, 1; Mockingbird, 1; Robin, 3; Bluebird, 1; Cedar Waxwing, 105; Migrant Shrike, 1; Starling, 8; English Sparrow, 25; European Tree Sparrow, 2; Meadowlark, 8; Cardinal, 5; Goldfinch, 4; Slate-colored Junco, 14; Tree Sparrow, 5; Swamp Sparrow, 1. **Total,** 39 species; 454 individuals.—Beulah Bedell, Marvin Beckmann, Kyrle Boldt, Alberta Bolinger, Katherine Boulton, Gertrude Drury, Helen Einspanier, H. B. Fisher, W. E. Fisher, Elizabeth T. Gould, Richard Grossenheider, Susan Grummann, Reed Harkness, Carol Haven, Sydney Heckler, Wm. Holzmark, Jr., Jimmy Jackson, Julian Neill, Marian Pough, Melvin Schilling, Wayne Short, Catherine Wood (St. Louis Bird Club).

Rankin, Mo. (a tract of land now partly taken over for defense work, leaving a birding area that is limited to a range 6 miles long and approximately 4 miles wide).—Dec. 21; 8.45 A.M. to 4.30 P.M. Clear; no wind in the morning, cloudy and slight wind in the afternoon. Twenty-two observers in 7 parties. Total party hours afoot, 26; total miles afoot, 36. Mallard, 27; Golden-eye, 1; Cooper's Hawk, 2; Red-tailed Hawk, 6; Sparrow Hawk, 3; Mourning Dove, 6; Kingfisher, 1; Flicker, 17; Pileated Woodpecker, 3; Red-bellied Woodpecker, 17; Hairy Woodpecker, 17; Downy Woodpecker, 28; Blue Jay, 14; Crow, 68; Chickadee, 48; Tufted Titmouse, 42; White-breasted Nuthatch, 5; Brown Creeper, 3; Carolina Wren, 15; Mockingbird, 3; Robin, 18; Bluebird, 19; Golden-crowned Kinglet, 4; Cedar Waxwing, 88; Starling, 92; Myrtle Warbler, 29; English Sparrow, 50; Cardinal, 154; Purple Finch, 2; Goldfinch, 18; Vesper Sparrow (Weber, alone), 15; Junco, 348; Tree Sparrow, 132; Fox Sparrow, 9; Song Sparrow, 20. **Total,** 35 species; 1324 individuals.—Clara Beerman, May Brinkmeyer, Arthur Christ, Earl Comfort, James Comfort, Mr. and Mrs. Clinton Day, Donald Goehausen, Edwina Heckwolf, R. Ludlow Hill, Margaret Hill, James Holsen, Sterling Jones, Ralph Lewis, Marshall Magner, Ruth Meyer, Mr. and Mrs. Harold O'Byrne, Stuart O'Byrne, Frances Pickel, Jack Van Benthuysen, Louis Weber (Webster Groves Nature-Study Society).

Stella, Mo. (fields and woods within 5 miles of Stella, and along Indian Creek 3 miles).—Dec. 23; 8 A.M. to 4 P.M. Clear sky at start; ground bare; cloudy at 9, drizzling rain at 1 P.M., snowing at 4; temp. 42° at start, 35° at return; wind southwest, light to moderate. One observer. Total hours afield, 6 (3 on foot, 3 by car); total miles, 18 (5 on foot, 13 by car). Red-tailed Hawk, 5; Rough-legged Hawk, 1; Sparrow Hawk, 1; Barred Owl, 1; Belted Kingfisher, 4; Flicker, 17; Red-bellied Woodpecker, 7; Pileated Woodpecker, 1; Downy Woodpecker, 5; Prairie Horned Lark, 33; Blue Jay, 5; Crow, 30; Carolina Chickadee, 5; Tufted Titmouse, 15; White-breasted Nuthatch, 1; Brown Creeper, 2; Carolina Wren, 1; Mockingbird, 1; Robin, 10; Bluebird, 52; Golden-crowned Kinglet, 1; Cedar Waxwing, 50; Migrant Shrike, 1; English Sparrow, 20; Cardinal, 10; Purple Finch, 4; Goldfinch, 12; Slate-colored Junco, 177; Field Sparrow, 10; Harris's Sparrow, 2; White-crowned Sparrow, 2; White-throated Sparrow, 2; Song Sparrow, 2. **Total,** 32 species; 490 individuals.—C. L. Criswell.

Swan Lake National Wildlife Refuge, Sumner, Mo. (headquarters, east to Silver Lake bottoms, south to Yellow Creek woods, then southwest along creek, returning along west boundary).—Dec. 21; 7.30 A.M. to 5.30 P.M. Cloudy; ground bare; wind south, moderate to strong; temp. 42° at start, 57° at return. Single observer. Total hours afield, 10 (on foot); total miles, 10. Great Blue Heron, 2; Canada Goose, 112; Blue Goose, 2 (observed with flock of Canada Geese feeding in winter grain field); Mallard, 8000 (est.); Black Duck, 300 (est.); Baldpate, 27; Pintail, 400 (est.); Shoveller, 3; Ring-necked Duck, 500 (est.); Lesser Scaup, 6; Ruddy Duck, 3; Hooded Merganser, 8; Am. Merganser, 3; Red-tailed Hawk, 10; Rough-legged Hawk, 2; Bald Eagle, 4; Marsh Hawk, 5; Bob-white, 2; Herring Gull, 2; Barred Owl, 2; Flicker, 4; Red-bellied Woodpecker, 2; Hairy Woodpecker, 4; Downy Woodpecker, 2; Horned Lark, 13; Blue Jay, 7; Crow, 66; Black-capped Chickadee, 29; Tufted Titmouse, 7; White-breasted Nuthatch, 4; Robin, 1; Migrant Shrike, 1; Starling, 3; English Sparrow, 25; Meadowlark, 5; Red-wing, 88; Cardinal, 2; Goldfinch, 5; Slate-colored Junco, 53; Tree Sparrow, 117. **Total,** 40 species; approximately 9831 individuals.—Kenneth Krumm.

Hope, Ark. (Bridewell's Lake, 3 miles south of Hope, woods and fields between the lake and Hope, and for 3 miles south to west around Hope).—Dec. 26; 9.15 A.M. to 3.15 P.M. Partly cloudy; ground wet from recent rain; wind west, moderate; temp. 58° at start, 60° at return. Single observer. Total hours afield, 6; total miles traveled, 8. Mallard, 1; Turkey Vulture, 8; Black Vulture, 2; Red-tailed Hawk, 1; Red-shouldered Hawk, 1; Marsh Hawk, 1; Sparrow Hawk, 1; Mourning Dove, 5; Belted Kingfisher, 1; Flicker, 6; Red-bellied Woodpecker, 4; Red-headed Woodpecker, 6; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 1; Downy Woodpecker, 4; Blue Jay, 21; Crow, 6; Carolina Chickadee, 3; Tufted Titmouse, 2; White-breasted Nuthatch, 1; Red-breasted Nuthatch, 1; Brown Creeper, 1; Carolina Wren, 6; Short-billed Marsh Wren, 1; Mockingbird, 9; Brown Thrasher, 2; Robin, 8; Gray-cheeked Thrush, 1 [no details—Ed.]; Bluebird, 14; Golden-crowned Kinglet, 5; Ruby-crowned Kinglet, 8; Loggerhead Shrike, 4; White-eyed Vireo, 5; Tennessee Warbler, 2 [no details—Ed.]; Myrtle Warbler, 2; English Sparrow, 24; Meadowlark, 12; Rusty (?) Blackbird, 50; Purple Grackle, 200 (est.); Cowbird, 10; Cardinal, 11; Goldfinch, 26; Ipswich Sparrow, 1 [such an improbable record would be without precedent—Ed.]; Junco, 62; Chipping Sparrow, 5; Field Sparrow, 4;

White-throated Sparrow, 20; Song Sparrow, 6. **Total,** 48 species; approximately 576 individuals. —PERSHING FLOYD.

Hot Springs National Park, Ark. (along the north shore of Lake Hamilton between U. S. Highway 70 and State Highway 7, and swamps east of Highway 7 on the south side of the lake).—Dec. 24; 7.30 A.M. to 5 P.M. Clear; no wind; temp. 30° at start, 50° at return. Total miles by car, 15; on foot, 4. Pied-billed Grebe, 3; Great Blue Heron, 1; Turkey Vulture, 7; Sparrow Hawk, 2; unidentified hawks, 4; Mourning Dove, 6; Belted Kingfisher, 2; Flicker, 9; Pileated Woodpecker, 2; Red-bellied Woodpecker, 5; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 2; Downy Woodpecker, 2; Blue Jay, 19; Crow, 25; Carolina Chickadee, 4; Tufted Titmouse, 26; White-breasted Nuthatch, 3; Brown Creeper, 1; Bewick's Wren, 2; Carolina Wren, 11; Mockingbird, 29; Hermit Thrush, 1; Bluebird, 48; Golden-crowned Kinglet, 8; Migrant Shrike, 7; English Sparrow, 125; Meadowlark, 42; Cardinal, 35; Goldfinch, 21; Slate-colored Junco, 300 (est.); Field Sparrow, 54; White-crowned Sparrow, 3; White-throated Sparrow, 36; Fox Sparrow, 4; Song Sparrow, 13. **Total,** 35 species; approximately 863 individuals.—VERA CARROTHERS.

Texarkana, Ark. (fields and woods along Red River, partly in Arkansas and partly in Texas; 9 miles north of Texarkana).—Dec. 28; 7.30 A.M. to 4 P.M. Clear; heavy frost; light wind; temp. 33° at start, 40° at return. Two observers. Total hours afield, 8½ (7½ on foot, 1 by car). Pied-billed Grebe, 1; Great Blue Heron, 6; Killdeer, 1; Bob-white, 12; Mourning Dove, 4; Turkey Vulture, 16; Marsh Hawk, 3; Red-tailed Hawk, 6; Red-shouldered Hawk, 2; Sparrow Hawk, 4; Belted Kingfisher, 4; Hairy Woodpecker, 2; Downy Woodpecker, 10; Yellow-bellied Sapsucker, 1; Red-headed Woodpecker, 2; Red-bellied Woodpecker, 5; Flicker, 12; Blue Jay, 20; Crow, 150; Starling, 45; Cowbird, 12; Red-wing, 150; Meadowlark, 23; Purple Grackle, 12; Boat-tailed Grackle, 19; Goldfinch, 4; Slate-colored Junco, 42; Fox Sparrow, 8; Cardinal, 34; Loggerhead Shrike, 4; Black and White Warbler, 1; Myrtle Warbler, 50; Mockingbird, 12; Winter Wren, 1; Carolina Wren, 1; Brown Creeper, 4; Tufted Titmouse, 6; Chickadee, 17; Golden-crowned Kinglet, 5; Ruby-crowned Kinglet, 3; Bluebird, 3; English Sparrow, 52. **Total,** 42 species; 769 individuals.—CHAS. GARDNER, SELDON JENNINGS.

Delta National Wildlife Refuge, Pilot Town, La. (east bank of Mississippi River at Cubit's Gap, Main Pass, and tributaries to the Gulf of Mexico).—Dec. 26; 8 A.M. to 5.30 P.M Bright, windy. Three observers working in 2 parties by boat. Total party hours afield, 19; total party miles, 40. White Pelican, 2343; Brown Pelican, 2; Cormorant, 19; Water-Turkey, 3; Man-o'-war-bird, 1; Great Blue Heron, 14; Am. Egret, 512; Snowy Egret, 381; Louisiana Heron, 4; Little Blue Heron, 5; Black-crowned Night Heron, 2; Glossy Ibis, 550; Canada Goose, 165; Lesser Snow Goose, 14; Blue Goose, 8595; Mallard, 91; Mottled Duck, 50; Baldpate, 95; Pintail, 498; Blue-winged Teal, 1275; Shoveller, 1152; Canvas-back, 26; Turkey Vulture, 14; Black Vulture, 2; Pigeon Hawk, 1; Clapper Rail, 1; Coot, 20; Least Sandpiper, 75; Herring Gull, 102; Ring-billed Gull, 201; Caspian Tern, 5; Black Tern, 1 [?—ED.]; Yellow-billed Cuckoo, 1 [no details—ED.]; Kingfisher, 15; Tree Swallow, 502; Barn Swallow, 1; Fish Crow, 4; Marsh Wren, 1; Red-wing, 102; Boat-tailed Grackle, 127; Cardinal, 2. **Total,** 41 species; 16,974 individuals. Figures for gregarious species represent totals of both estimates and actual counts.—EVELYN C. KILBY, JOHN D. KILBY, THEO. JOHNSON (Fish and Wildlife Service).

Lacassine National Wildlife Refuge, Lake Arthur, La. (woodlot and pasture at headquarters, and 29 miles along Mermentau River, Intra-Coastal Canal, Lacassine Bayou, Misere Lake and marsh trails).—Dec. 26; 8.30 A.M. to 4.30 P.M. Clear; ground bare; wind north, light to moderate; temp. 55° at start, 62° at return. Four observers in 2 parties. Total hours afield, 27 (26 by boat, 1 on foot); total party miles, 59 (58 by boat, 1 on foot). Pied-billed Grebe, 6; Double-crested Cormorant, 50; Water-Turkey, 2; Ward's Heron, 51; Am. Egret, 4; Louisiana Heron, 6; Am. Bittern, 5; Canada Goose, 47; White-fronted Goose, 8; Blue Goose, 1; Mallard, 12,373; Black Duck, 313; Mottled Duck, 15; Gadwall, 61; Pintail, 1989; Green-winged Teal, 3943; Blue-winged Teal, 3202; Shoveller, 2; Wood Duck, 1; Redhead, 2; Ring-necked Duck, 4861; Lesser Scaup, 5; Turkey Vulture, 13; Black Vulture, 10; Sharp-shinned Hawk, 1; Cooper's Hawk, 1; Red-tailed Hawk, 1; Bald Eagle, 1; Marsh Hawk, 13; Osprey, 1; Sparrow Hawk, 1; Bob-white, 5; Florida Gallinule, 6; Coot, 1123; Killdeer, 10; Wilson's Snipe, 17; Herring Gull, 44; Ring-billed Gull, 3; Common Tern, 2; Mourning Dove, 4; Great Horned Owl, 4; Belted Kingfisher, 4; Flicker, 1; Pileated Woodpecker, 2; Downy Woodpecker, 1; Phoebe, 1; Fish Crow, 55; Chickadee, 4; Carolina Wren, 1; Marsh Wren, 4; Mockingbird, 3; Meadowlark, 2; Red-wing, 7; Ruby-crowned Kinglet, 4; Loggerhead Shrike, 3; Boat-tailed Grackle, 541; Cowbird, 116; Cardinal, 4; Swamp Sparrow, 12. **Total,** 59 species; 28,972 individuals.—E. L. ATWOOD, L. P. LEDOUX, A. S. CROKER, P. DESPLANTIS.

Bottineau, N. D. (along Oak Creek from the School of Forestry to the golf course, then south across fields past the cemetery, west to Oak Creek, and north to Bottineau).—Dec. 22; 9 A.M. to 3 P.M. Cloudy and foggy; 2-in. snow; northwest wind, 5 m.p.h.; temp. 25° at start, 20° at return. One observer. Total hours afoot, 6; total miles afoot, 9. Prairie Chicken, 2; Sharp-tailed Grouse, 6; Hungarian Partridge, 8; Black-capped Chickadee, 2; White-breasted Nuthatch, 1; English Sparrow, 96; Pine Grosbeak, 3; Redpoll, 39. **Total,** 8 species; 157 individuals.—THOMAS M. STREET.

Des Lacs National Wildlife Refuge, Kenmare, N. D. (Des Lacs Valley from Highway No. 5 bridge to dam No. 7a and adjacent prairie).—Dec. 26; 11 A.M. to 5.30 P.M. Partly cloudy; ground covered with light snow; no wind; temp. 24° at start, 20° at return. Three observers in 1 party. Total hours afield, 19½

(6 on foot, 13½ by car); total party miles, 62 (10 on foot, 52 by car). Mallard, 41; Rough-legged Hawk, 9; Golden Eagle, 1; Prairie Falcon, 1; Sharp-tailed Grouse, 26; Hungarian Partridge, 22; Pheasant, 58; Magpie, 15; Long-tailed Chickadee, 10; Bohemian Waxwing, 18; Starling, 26; English Sparrow, 119; Pine Grosbeak, 4; Common Redpoll, 12; Tree Sparrow, 1. **Total,** 15 species; 363 individuals.—Dr. and Mrs. R. T. Gammell, Frank Van Kent.

Leeds, N. D. (wildlife cover areas of a 640-acre farm; through old farmstead windbreak, a new 1938 field windbreak, across crested wheat grass field to west aspen grove, thence for a mile along Russian olive shrub buffer (planted 1940 and 1941) to old tree claim and 3-row shrub buffer (planted 1941) to north prairie aspen grove and willow clumps, Cascaden grove, south fields and return).—Dec. 22; 10 A.M. to 12.30 P.M.; 1 to 4.30 P.M. Unusually warm to date; slight trace of snow, no drifts; sky overcast, clearing at 3.30 P.M.; wind northwest, 3 to 5 m.p.h., falling to 1 to 2 m.p.h. at 4.30 P.M.; temp. 28° at start, 30° at 12.30, 20° at return. Observers together. Total miles afoot, 4; total hours afoot, 5; total miles (1 hour) by car, 12. European Partridge, 34; Pheasant, 1 (♂); Horned Lark, 10; Crow, 2; Starling, 5; Common Redpoll, 13; English Sparrow, 125. **Total,** 7 species; 190 individuals.—Kenneth C. Fox, Adrian C. Fox.

Lower Souris National Wildlife Refuge, Upham (McHenry Co.), N. D. (headquarters, east through the marsh, wooded river-bottom and sandhills near the Hillman and Johnson bridges, returning along west side of marsh).—Dec. 23; 8 A.M. to 5 P.M. Warm and clear; no wind; inch of snow on ground; temp. 13° to 32°. One party of 3 observers. Total party hours afield, 8 (3 by auto, 5 on foot); total party miles, 45 (40 by auto, 5 on foot). Mallard, 196; Rough-legged Hawk, 11; Prairie Chicken, 31; Sharp-tailed Grouse, 10; European Partridge, 13; Chukar Partridge, 3; Pheasant, 258; Snowy Owl, 2; Short-eared Owl, 1; Hairy Woodpecker, 3; Downy Woodpecker, 4; Horned Lark, 2; Blue Jay, 2; Magpie, 7; Chickadee, 47; White-breasted Nuthatch, 8; Brown Creeper, 1; English Sparrow, 26; Pine Grosbeak, 22; Common Redpoll, 323; Tree Sparrow, 4. **Total,** 21 species; 974 individuals.—C. J. Henry, M. C. Hammond, Henry Bedinger (Lower Souris National Wildlife Refuge).

Mandan, N. D. (orchards, nurseries, plots, pastures, fields and residential section of the Northern Great Plains Field Station, the Soil Conservation Service tree and grass nursery, and a portion of the wooded banks of the Heart River).—Dec. 28; 9 A.M. to 12 M., 1 to 4.30 P.M. Unusually warm to date with little snow; wind southwest, about 2 m.p.h., changing to south and rising to about 8 m.p.h. at noon, falling to calm at 4 P.M.; sky clear at start, becoming overcast by noon; temp. 2° at start, 18° at noon, 14° at return. Observer alone. Total miles afoot, 6; total hours afoot, 6. Sharp-tailed Grouse, 39; European Partridge, 19; Pheasant, 37 (22♀, 15♂); Screech Owl, 1; Hairy Woodpecker, 1; Crow, 750 (est.—a straggling flock passing over at 9.20 to 10 A.M. from the Missouri River bottoms apparently to corn fields along the Heart River; unusual here in such numbers at this season); Long-tailed Chickadee, 23; White-breasted Nuthatch, 3; Red-breasted Nuthatch, 1; Golden-crowned Kinglet, 4; English Sparrow, 35; Cardinal, 1 (♀); Common Redpoll, 14; Pine Siskin, 2; Tree Sparrow, 15. **Total,** 15 species; 945 individuals.—Adrian C. Fox.

Minot, N. D. (all parks and wooded areas in the city, fields as far as 5 miles in all directions, coulees to the north and a stretch of the river-bank to the east).—Dec. 21; 8 A.M. to 4.15 P.M. Cloudy, with heavy fog at start, clear from 11 A.M. to close; light snow on ground; wind light to moderate; temp. below freezing at start, above by noon, near freezing at return. One observer. Total hours afield, 7¼ (6 on foot, 1¼ by car); total miles, 40 (6 on foot, 34 by car). Marsh Hawk, 1; Sharp-tailed Grouse, 4; Hungarian Partridge, 28; Pheasant, 10; Hairy Woodpecker, 2; Downy Woodpecker, 4; Horned Lark, 7; Magpie, 2; Chickadee, 13; White-breasted Nuthatch, 10; Brown Creeper, 3; Shrike, 3; Starling, 9; English Sparrow, 250; Redpoll, 42; Lapland Longspur, 29; Snow Bunting, 35. **Total,** 17 species; 452 individuals.—Perna M. Stine.

Sand Lake National Wildlife Refuge, Columbia, S. D. (Display Pond and along west side of Sand Lake then by auto to Mud Lake, across Mud Lake marsh on foot, by auto to Sand Lake, along fringe of trees on east shore of Sand Lake).—Dec. 25; 9 A.M. to 4 P.M. Bright at beginning, dark with little snow at end; ground bare, light northwest wind; 20° at start, 25° at return. Total miles afoot, 9; total hours afoot, 5½. Canada Goose, 74; Mallard, 50,000 (est.); Black Duck, 5; Pintail, 2; Golden-eye, 1; Rough-legged Hawk, 7; Bald Eagle, 3; Marsh Hawk, 1; Prairie Chicken, 6; European Partridge, 6; Pheasant, 2500 (est.); Short-eared Owl, 1; Snowy Owl, 2; Downy Woodpecker, 2; Starling, 3; Horned Lark, 7; Crow, 1; English Sparrow, 8; Red-wing, 8; Common Redpoll, 23; Tree Sparrow, 7. **Total,** 21 species; approximately 52,667 individuals.—Watson E. Beed.

Wilmot, S. D. (east of town to Big Stone Lake, going through fields, along lake shore and woods, home by car).—Dec. 27; 9.45 A.M. to 4.30 P.M. Sky overcast and with fairly heavy snow falling, foggy; temp. 10° at start, 11° at return. Two observers in 1 party. Total hours afield, 6¾. European Partridge, 10; Pheasant, 40; Downy Woodpecker, 3; Horned Lark, 100 (est.); Crow, 3; Chickadee, 11; Nuthatch, 5; Brown Creeper, 1; Starling, 7; English Sparrow, 35; Cardinal, 1 (unmistakable); Redpoll, 43; Goldfinch, 12; Tree Sparrow, 1; Lapland Longspur, 150 (est.). **Total,** 15 species; 422 individuals.—Homer Dusing, Bruce Harris.

Yankton, S. D. (woods along the Missouri and James rivers, and open country west and north of city).—Dec. 22; 9.30 A.M. to 4.30 P.M. Cloudy; ground bare; strong north wind; temp. 34° at start, 32° at finish. About 8 miles on foot, 45 by car; about 6 hours on foot. Observers together. Rough-legged Hawk, 2; Pheasant, 13; Great Horned Owl, 2; Flicker, 15; Hairy Woodpecker, 8; Downy

Woodpecker, 1; Crow, 3; Chickadee, 45; White-breasted Nuthatch, 6; Brown Creeper, 2; Golden-crowned Kinglet, 3; Starling, 5; English Sparrow, 10; Cardinal, 3; Goldfinch, 3; Slate-colored Junco, 3; Tree Sparrow, 12. **Total,** 17 species; 136 individuals.—AUSTIN P. LARRABEE, R. M. EIDSMOE.

Fremont, Neb. (Wild Court Woods, fields, country roads, Murphy's Island, cemetery).—Dec. 22; 7.45 A.M. to 2.15 P.M. Mostly cloudy, foggy earlier in day, slight rain occasionally; temp. 35° to 55°. Observer alone. About 15 miles by car and on foot. Marsh Hawk, 1; Sparrow Hawk, 1; Bob-white, 25; Screech Owl, 2; Mourning Dove, 4; Flicker, 7; Red-bellied Woodpecker, 4; Downy Woodpecker, 8; Hairy Woodpecker, 7; Blue Jay, 4; Crow, 175; Long-tailed Chickadee, 17; White-breasted Nuthatch, 9; Brown Creeper, 6; Robin, 35; Bluebird, 2; Golden-crowned Kinglet, 8; Ruby-crowned Kinglet, 3; Cedar Waxwing, 55; Western Meadowlark, 2; Grackle, 75; Cardinal, 18; Pine Siskin, 6; Goldfinch, 20; Tree Sparrow, 75; Harris's Sparrow, 3. **Total,** 26 species; about 572 individuals.—MRS. LILY RUEGG-BUTTON.

Kearney, Neb. (by car to Kilgore Island, 8 miles east, to Black's woods, 3 miles southwest of Kearney, thence to evergreen ridge, 5 miles west of Kearney, and 2 miles east to Lake Cottonmill afoot).—Dec. 21; 9.30 A.M. to 4.30 P.M. Clear to partly cloudy; ground bare; wind west, moderate; temp. 40° at start, 47° at noon, 43° at return. Lone observer. Total hours afield, 7; total miles, 37 (11 afoot, 26 by car). Marsh Hawk, 1; Bob-white, 17; Pheasant, 13; Rock Dove, 5; Mourning Dove, 20; Flicker, 4; Hairy Woodpecker, 2; Downy Woodpecker, 9; Crow, 438; Chickadee, 38; Brown Creeper, 2; Bluebird, 2; English Sparrow, 25; Western Meadowlark, 3; Cardinal, 4; Pine Siskin, 23; Goldfinch, 47; Junco, 87; Tree Sparrow, 172; Harris's Sparrow, 164; Fox Sparrow, 1; Lincoln's Sparrow, 1; Song Sparrow, 17. **Total,** 23 species; 1095 individuals.—JOE HILL.

Norwich, Kans. (through thickets and woods north of Norwich along Ninnescah River, southwest of Norwich across open fields, through weed-patches and woods also including a farmyard).—Dec. 26; 10 A.M. to 5 P.M. Partly cloudy; ground bare; slight wind, north; temp. 30° at start, 32° at return. Observer alone. Total miles afoot, 8; total hours afoot, 7. Am. Rough-legged Hawk, 1; Marsh Hawk, 2; Pheasant, 1; Flicker, 1; Hairy Woodpecker, 1; Downy Woodpecker, 4; Horned Lark, 100 (est.); Crow, 800 (est.); Chickadee, 4; English Sparrow, 100 (est.); Meadowlark, 13; Red-wing, 1; Cardinal, 9; Arctic Towhee, 4; Tree Sparrow, 114; Harris's Sparrow, 63; Song Sparrow, 1. **Total,** 17 species; approximately 1219 individuals.—AUSTIN WRIGHT.

Wichita, Kans. (Big Slough; Sim, Riverside, and Oak parks; Maple Grove Cemetery; Gypsum, Spring, and Whitewater creeks).—Dec. 21; 8 A.M. to 5.15 P.M. Alternately cloudy and overcast during the day; average wind velocity 25 m.p.h., max. 40 m.p.h. for intervals of 5 minutes or longer; temp. 52° at start, 59° at return, max. 64°. Six observers, together in car, by 2s or 3s when afoot. Total party hours afield, 22 (20 afoot, 2 by car); total party miles, 55 (14 afoot, 41 by car). Mallard, 3; Am. Merganser, 2; Sharp-shinned Hawk, 2; Cooper's Hawk, 2; Red-tailed Hawk, 2; Am. Rough-legged Hawk, 1; Ferruginous Rough-leg, 1; Marsh Hawk, 13; Sparrow Hawk, 5; Bob-white, 15; Wilson's Snipe, 1 (Kingkade, Galleys); Great Horned Owl, 4; Barred Owl, 1; Long-eared Owl, 1; Belted Kingfisher, 1; Flicker, 11; Red-shafted Flicker, 1; Red-bellied Woodpecker, 12; Hairy Woodpecker, 2; Downy Woodpecker, 20; Horned Lark, 50±; Blue Jay, 1; Crow, 67; Black-capped Chickadee, 91; Tufted Titmouse, 24; Brown Creeper, 2; Mockingbird, 1 (Heil, Riner); Robin, 8; Bluebird, 4; Golden-crowned Kinglet, 6; Cedar Waxwing, 9; Starling, 38; English Sparrow, 335; Meadowlark (undiff.), 8; Red-wing, 50; Cowbird, 55; Cardinal, 6; Slate-colored Junco, 104; Tree Sparrow, 133; Harris's Sparrow, 169; Swamp Sparrow, 1 (Hickman). **Total,** 41 species; 1262 individuals.—MARGRET and JOHN GALLEY, RUTH HEIL, A. L. HICKMAN, MRS. ROY KINGKADE, ALICE RINER (members Audubon Society of Kansas).

Norman, Okla. (Crystal Lake, and several stops on the South Canadian River south to Purcell).—Dec. 27; 9 A.M. to 3 P.M. Overcast at start, partly cloudy in afternoon; slight wind from north; heavy frost on ground at start; temp. 28° at start, 38° at return. Observers together. Total miles by car, 52; by foot, 5. Green-winged Teal, 13; Red-tailed Hawk, 2; Swainson's Hawk, 1; Rough-legged Hawk, 2; Marsh Hawk, 3; Prairie Falcon, 1; Sparrow Hawk, 5; Mourning Dove, 1; Flicker, 3; Red-shafted Flicker, 1; Red-bellied Woodpecker, 4; Red-headed Woodpecker, 2; Downy Woodpecker, 2; Blue Jay, 4; Crow, 400 (est.); Carolina Chickadee, 7; Tufted Titmouse, 7; Carolina Wren, 3; Mockingbird, 2; Robin, 3; Bluebird, 6; Loggerhead Shrike, 3; Starling, 500 (est.); English Sparrow, 200 (est.); Meadowlark (Western?), 72; Red-wing, 2000 (est.); Bronzed Grackle, 2000 (est.); Cowbird, 1000 (est.); Cardinal, 18; Goldfinch, 50 (est.); Arctic Towhee, 10; Slate-colored Junco, 60 (est.); Harris's Sparrow, 17; Song Sparrow, 18. **Total,** 34 species; about 6420 individuals.—LEONARD J. UTTAL, MRS. ELIZ. JONES, MISS SCOTTY KINNAN.

Oklahoma City, Okla. (fields and woods as far as 10 miles west of Oklahoma City and about 6 miles along shore of Lake Overholser).—Dec. 26; 9.30 A.M. to 4 P.M. Clear; wind northwest, moderate, 15 to 22 m.p.h., temp. 36° at start, 44° at return. Two observers in 1 party. Total hours afield, 6½ (4 on foot, 2½ by car); total miles, 53 (3 on foot, 50 by car). Mallard, 60; Pintail, 10; Redhead, 2; Canvas-back, 11; Am. Merganser, 300 (est.); Red-tailed Hawk, 1; Marsh Hawk, 7; Sparrow Hawk, 5; Coot, 6; Franklin's Gull, 100 [no details—ED.]; Flicker, 5; Red-headed Woodpecker, 2; Downy Woodpecker, 3; Blue Jay, 5; Crow, 150; Black-capped Chickadee, 16; Tufted Titmouse, 6; Brown Creeper, 2; Carolina Wren, 1; Robin, 1; Loggerhead Shrike, 7; Meadowlark, 175; Cardinal, 14; Goldfinch, 15; Junco, 15; Harris's Sparrow, 75. **Total,** 26 species; approximately 994 individuals.—DAN A. GARDNER, BILLY STEELE.

Salt Plains National Wildlife Refuge, Cherokee, Okla. (and vicinity consisting of newly created 10,600-acre lake, adjacent agricultural land, fields, and deciduous woods).—Dec. 28; 7.30 A.M. to 6 P.M. Clear; ground bare; wind light, north; temp. 20° at 8 A.M., 36° at noon and rest of day. Total hours afield, 11; total miles afield, 101 (96 by car, 5 on foot). Pied-billed Grebe, 17; Canada Goose, 987 (est.); Hutchins's Goose, 4; Mallard, 35,000 (est.); Black Duck, 4; Gadwall, 600 (est.); Baldpate, 450 (est.); Pintail, 1500 (est.); Green-winged Teal, 350; Shoveller, 35; Redhead, 6; Ring-necked Duck, 10; Scaup, 2; Golden-eye, 3; Bufflehead, 2; Am. Merganser, 12 (est.); Cooper's Hawk, 1; Red-tailed Hawk, 1; Am. Rough-legged Hawk, 8; Ferruginous Rough-leg, 1; Bald Eagle, 3; Marsh Hawk, 23; Sparrow Hawk, 2; Bob-white, 36; Coot, 35; Killdeer, 3; Wilson's Snipe, 9; Greater Yellow-legs, 10; Herring Gull, 2; Ring-billed Gull, 600 (est.); Horned Owl, 4; Burrowing Owl, 1; Kingfisher, 1; Yellow-shafted Flicker, 14; Red-shafted Flicker, 2; Red-bellied Woodpecker, 7; Hairy Woodpecker, 8; Downy Woodpecker, 12; Prairie Horned Lark, 25; Blue Jay, 1; Crow, 500 (est.); Plumbeous Chickadee, 35; Tufted Titmouse, 5; Brown Creeper, 3; Texas Wren, 4; Prairie Marsh Wren, 2; Robin, 16; Bluebird, 11; Golden-crowned Kinglet, 13; Cedar Waxwing, 1; Migrant Shrike, 2; Starling, 35; Myrtle Warbler, 5; English Sparrow, 40; Eastern and Western Meadowlarks, 350; Red-wing and Rusty Blackbirds, 2000 (est.); Cardinal, 16; Goldfinch, 15; Arctic Towhee, 6; Slate-colored Junco, 55; Tree Sparrow, 18; Field Sparrow, 1; Harris's Sparrow, 225; Song Sparrow, 36; Smith's Longspur, 65. **Total,** 67 species; approximately 43,250 individuals.—SETH H. LOW.

Skiatook (Osage Co.), Okla. (open fields and woods west of Skiatook, chiefly along Hominy Creek).—Dec. 21; 7.45 A.M. to 5.15 P.M. No sun; moderate wind, southeast; some mist; temp. about 50° all day. Two observers together, 8× glasses. Total miles, 46 (38 by car) with 13 stops, totaling 8 miles on foot; 6½ hours on foot, 2½ by car. Red-tailed Hawk, 4; Marsh Hawk, 20; Sparrow Hawk, 2; Belted Kingfisher, 2; Flicker, 35; Pileated Woodpecker, 4; Red-bellied Woodpecker, 25; Red-headed Woodpecker, 2; Yellow-bellied Sapsucker, 2; Hairy Woodpecker, 7; Downy Woodpecker, 45; Blue Jay, 65; Crow, 15; Chickadee, 45; Tufted Titmouse, 75; White-breasted Nuthatch, 3; Brown Creeper, 3; Carolina Wren, 4; Mockingbird, 1; Bluebird, 6; Cedar Waxwing, 50 (feeding on mistletoe berries); Migrant Shrike, 2; Starling, 7500 (much more abundant than ever before recorded); English Sparrow, 30; Eastern Meadowlark, 125; Red-wing, 25,000 (est.); Cowbird, 10,000 (in addition to 120 Red-wings and 500 Cowbirds seen during the day, countless thousands were seen at nightfall settling in cattails and rushes bordering a small lake; the above estimate is believed to be conservative); Cardinal, 25; Goldfinch, 12; Towhee, 1; Slate-colored Junco, 250; Tree Sparrow, 25; Field Sparrow, 15; Harris's Sparrow, 15; White-throated Sparrow, 2; Song Sparrow, 2. **Total,** 36 species; 43,419 individuals.—JOSEPH L. and MARION B. BORDEN.

Stillwater, Okla. (lake shore, timbered stream beds, old fields, Boomer Lake, Fair Park, and the Lake Carl Blackwell Project; essentially the same area covered in 1939).—Dec. 27; 8.30 A.M. to 5.30 P.M. Cloudy; ground dry except in ravines; wind north, light; temp. 25° at start, 40° at return. Four observers in 1 party. Total hours afield, 20 (16 on foot, 4 by car); total party miles, 75 (62 by car, 13 on foot). Pied-billed Grebe, 2; Mallard, 185; Gadwall, 81; Baldpate, 32; Pintail, 15; Redhead, 58; Ring-necked Duck, 12; Buffle-head, 5; Hooded Merganser, 4; Am. Merganser, 5; unidentified ducks, 100; Sharp-shinned Hawk, 1; Red-tailed Hawk, 7; Marsh Hawk, 10; Sparrow Hawk, 3; Bob-white, 93; Coot, 11; Barred Owl, 1; Belted Kingfisher, 2; Yellow-shafted Flicker, 13; Red-shafted Flicker, 3; Red-bellied Woodpecker, 14; Red-headed Woodpecker, 3; Hairy Woodpecker, 4; Downy Woodpecker, 21; Blue Jay, 17; Crow, 95; Carolina Chickadee, 62; Tufted Titmouse, 38; White-breasted Nuthatch, 1; Bewick's Wren, 5; Robin, 400 (2 large flocks); Bluebird, 8; Golden-crowned Kinglet, 2; Cedar Waxwing, 55; Loggerhead Shrike, 3; English Sparrow, 20; Eastern Meadowlark, 5; Western Meadowlark, 5; unidentified meadowlarks, 54; Cardinal, 18; Goldfinch, 45; Arctic Towhee, 14; Slate-colored Junco, 115; Tree Sparrow, 340; Field Sparrow, 10; Fox Sparrow, 1; Harris's Sparrow, 135; Song Sparrow, 38; Longspur (probably Lapland), 6. **Total,** 48 species; 2177 individuals.—A. M. BAUMGARTNER, F. M. BAUMGARTNER, E. PLICE, M. PLICE.

Tulsa, Okla. (Mohawk Park, including Lakes Sequoyah, Mohawk, North, and Recreation, along Bird Creek and in the park vicinity; territory in same 12-mile diameter as for counts since 1934).—Dec. 21; 8 A.M. to 5 P.M. Cloudy, with occasional light showers; wind moderate, south-southwest; temp. 58° at start, 62° at 1 P.M., 64° at 5.15 P.M. Seventeen observers working in 7 parties. Total miles in car, 20; total miles afoot, 30; total hours in car, 15; total hours afoot, 31. Pied-billed Grebe, 1; Great Blue Heron, 3; Mallard, 536; Gadwall, 17; Baldpate, 2; Pintail, 2; Green-winged Teal, 30; Lesser Scaup, 19; Hooded Merganser, 1; Am. Merganser, 1800 (est.); Hawk, (sp.?), 1; Red-tailed Hawk, 30; Harlan's Hawk, 2 (Davis, Hughes); Red-shouldered Hawk, 71; Rough-legged Hawk, 6; Marsh Hawk, 30; Prairie Falcon, 30 [no explanation given for such an extraordinary number—ED.]; Sparrow Hawk, 6; Bob-white, 40; Coot, 14; Killdeer, 51; Wilson's Snipe, 12; Herring Gull, 18; Ring-billed Gull, 92; Barred Owl, 1; Kingfisher, 6; Flicker, 46; Pileated Woodpecker, 3; Red-bellied Woodpecker, 18; Yellow-bellied Sapsucker, 3; Hairy Woodpecker, 15; Downy Woodpecker, 27; Prairie Horned Lark, 50 (Davis, Hughes); Blue Jay, 69; Crow, 70; Chickadee, 97; Tufted Titmouse, 92; White-breasted Nuthatch, 24; Brown Creeper, 8; Carolina Wren, 9; Mockingbird, 4; Robin, 6; Bluebird, 24; Golden-crowned Kinglet, 5; Ruby-crowned Kinglet, 2; Migrant Shrike, 9; Starling, 329; English Sparrow, 500 (est.);

Meadowlark, 49; Red-wing, 350 (est.); Rusty Blackbird, 1637 (Hughes, Davis); Brewer's Blackbird, 5 (Hughes, Davis); Cowbird, 8; Grackle, 212; Cardinal, 51; Goldfinch, 27; Red-eyed Towhee, 3; Arctic Towhee, 1 (Phillips); Junco, 321; Tree Sparrow, 25; Field Sparrow, 1; Harris's Sparrow, 14; White-throated Sparrow, 3; Fox Sparrow, 31; Song Sparrow, 12; Lincoln's Sparrow, 4; Lapland Longspur, 400 (est., Hughes, Davis); Smith's Longspur, 2 (Hughes, Davis). **Total,** 68 species; about 7387 individuals. All birds identified by experienced observers with 8× glasses.—Mr. and Mrs. Hugh Davis, Mr. and Mrs. Wallace Hughes, Mr. and Mrs. Orrion W. Letson, W. L. Thompson, Edith R. Force, Harvey Phillips (members Tulsa Audubon Society); Cherrie Dons, Neal Hilton, Charles Hannis, Billy Schell, Harold Dundee, Tom White, Allan Eckes, Bill Londenback.

Aransas National Wildlife Refuge, Austwell, Texas (interior of refuge south to Brahma fence and Little Devil Bayou and refuge shoreline; chaparral and mesquite north of refuge in vicinity of Hoard ranch headquarters).—Dec. 21; 9 a.m. to 4 p.m. Overcast most of day; wind northeast, light to moderate; temp. 59° to 85°. Four observers in 2 parties. Total miles by car, 50; on foot, 8; total party hours afield, 13. Eared Grebe, 4; Pied-billed Grebe, 19; White Pelican, 233; Double-crested Cormorant, 26; Mexican Cormorant, 5; Ward's Heron, 17; Am. Egret, 14; Snowy Egret, 18; Reddish Egret, 5; Louisiana Heron, 1; Canada Goose, 434; Hutchins's Goose, 26; Lesser Snow Goose, 340; Blue Goose, 62; Mallard, 16; Mottled Duck, 4; Black Duck, 2; Gadwall, 139; Baldpate, 280; Pintail, 1170; Green-winged Teal, 10; Blue-winged Teal, 1; Shoveller, 65; Lesser Scaup, 426; Canvas-back, 7; Golden-eye, 1; Ruddy Duck, 3; Turkey Vulture, 40; Black Vulture, 72; Sharp-shinned Hawk, 1; Red-tailed Hawk, 18; Sennett's White-tailed Hawk, 1; Marsh Hawk, 9; Audubon's Caracara, 7; Pigeon Hawk, 2; Sparrow Hawk, 38; Texas Bob-white, 22; Rio Grande Turkey, 35; Whooping Crane, 5; Sandhill Crane, 24; Coot, 183; Wilson's Snipe, 1; Long-billed Curlew, 4; Greater Yellow-legs, 5; Lesser Yellow-legs, 12; Least Sandpiper, 20; Red-backed Sandpiper, 103; Dowitcher, 200; Western Sandpiper, 5; Cuban Snowy Plover, 12; Semipalmated Plover, 6; Killdeer, 31; Ring-billed Gull, 26; Laughing Gull, 2; Gull-billed Tern, 3; Forster's Tern, 37; Least Tern, 1; Caspian Tern, 2; Mourning Dove, 76; Burrowing Owl, 1; Willet, 4; Red-headed Woodpecker, 1; Texas Woodpecker, 2; Phoebe, 10; Vermilion Flycatcher, 3; Horned Lark, 23; Flicker, 8; Brown Thrasher, 13; Hermit Thrush, 1; Ruby-crowned Kinglet, 19; Am. Pipit, 37; Cedar Waxwing, 9; Migrant Shrike, 23; House Wren, 5; Texas Wren, 3; Mockingbird, 56; Starling, 75; Orange-crowned Warbler, 1; Myrtle Warbler, 41; Lark Sparrow, 1; White-crowned Sparrow, 12; Lincoln's Sparrow, 48; Meadowlark, 20; Red-wing, 50; Brewer's Blackbird, 150; Great-tailed Grackle, 10; Cowbird, 50; Gray-tailed Cardinal, 78; Pyrrhuloxia, 1; Goldfinch, 21; Savannah Sparrow, 3; Seaside Sparrow, 1; Vesper Sparrow, 73; Field Sparrow, 135; White-throated Sparrow, 3. **Total,** 95 species; 5322 individuals.—Earl W. Craven, George Williams, Joe Heiser, Everett Beaty.

Cove (Chambers Co.), Texas (from Galveston Bay across marsh to Cove pastures and fields and Old River woods above irrigation plant, all within 7 miles of Cove).—Dec. 27; all day. Clear; light northeast wind; temp. 44° at start. Observer alone. Two miles by boat, 6 by car, 17 afoot. White Pelican 16; Double-crested Cormorant, 2; Ward's Heron, 21; Am. Egret, 18; Snowy Egret, 21; Louisiana Heron, 4; Little Blue Heron, 7; Black-crowned Night Heron, 1; Yellow-crowned Night Heron, 1; Wood Ibis, 1 (observed at close range); Snow and Blue Geese, 20; White-fronted Goose, 5; Mallard, 340; Black Duck, 13; Mottled Duck, 9; Gadwall, 3; Baldpate, 52; unidentified ducks, largely Baldpates, 5000; Pintail, 150; Green-winged Teal, 1150; Shoveller, 21; Lesser Scaup, 2; Hooded Merganser, 4; Turkey Vulture, 16; Black Vulture, 1; Cooper's Hawk, 3; Red-tailed Hawk, 10; Marsh Hawk, 15; Duck Hawk, 1; Sparrow Hawk, 8; King Rail, 2 (heard); Sora, 1; Coot, 400; Piping Plover, 3; Killdeer, 44; Black-bellied Plover, 30; Woodcock, 1; Wilson's Snipe, 10; Greater Yellow-legs, 17; Lesser Yellow-legs, 13; Least Sandpiper, Red-backed Sandpiper, Semipalmated Sandpiper, 1600; Dowitcher, 50; Herring Gull, 9; Ring-billed Gull, 210; Forster's Tern, 57; Royal Tern, 1; Mourning Dove, 85; Ground Dove, 3; Barred Owl, 1; Screech Owl, 1; Flicker, 8; Pileated Woodpecker, 8; Red-bellied Woodpecker, 2; Red-headed Woodpecker, 2; Yellow-bellied Sapsucker, 4; Phoebe, 5; Vermilion Flycatcher, 1; Blue Jay, 2; Crow, 10 (heard); Chickadee, 15; Titmouse, 5; Red-breasted Nuthatch, 3; House Wren, 5; Carolina Wren, 2; Long-billed Marsh Wren, 2; Brown Creeper, 1; Mockingbird, 14; Brown Thrasher, 9; Robin, 125; Hermit Thrush, 1; Gnatcatcher, 2; Golden-crowned Kinglet, 20; Ruby-crowned Kinglet, 22; Pipit, 24; Shrike, 7; Starling, 85; Blue-headed Vireo, 3; Orange-crowned Warbler, 3; Myrtle Warbler, 13; Pine Warbler, 7; Yellow-throat, 1; English Sparrow, 15; Meadowlark, 1; Red-wing, 4200; Boat-tailed Grackle, 190; Bronzed Grackle, 20; Cowbird, 25,000; Cardinal, 28; Goldfinch, 42; Red-eyed Towhee, 2; Grasshopper Sparrow, 1; Henslow's Sparrow, 1; Vesper Sparrow, 5; Field Sparrow, 22; White-throated Sparrow, 70; Lincoln's Sparrow, 1; Swamp Sparrow, 23; Song Sparrow, 1. **Total,** 100 species; approximately 39,480 individuals. Most figures are estimates. —A. K. McKay.

El Paso, Texas (north along the Rio Grande and return through Upper Valley farmlands by highway and connecting roads; Washington Park east along the river; Highland Park, McKelligon's Canyon at eastern edge of Mt. Franklin and eastern base of the mountain to Indian Springs Canyon; Memorial Park and a section of country along North Loop road, returning by connecting roads).—Dec. 27; 8 a.m. to 4.30 p.m. with intermissions. Sunny; slight wind, alternating with calm; temp. 30° at start, 45° at return. Six observers working in pairs before noon, 4 in pairs during afternoon. Total party hours, 41; total party miles, 83 (75 by car, 8 on foot). Common

Loon, 1; Pied-billed Grebe, 1; Treganza's Heron, 25; Am. Egret, 2; Mallard, 2; Gadwall, 13; Baldpate, 22; Green-winged Teal, 69; Lesser Scaup, 6; Am. Merganser, 3; Turkey Vulture, 1; Cooper's Hawk, 4; Sharp-shinned Hawk, 1; Red-tailed Hawk, 2; Am. Rough-legged Hawk, 2; Marsh Hawk, 15; Prairie Falcon, 1; Sparrow Hawk, 21; Scaled Quail, 1; Gambel's Quail, 3; Florida Gallinule, 3; Coot, 5; Killdeer, 9; Wilson's Snipe, 17; Greater Yellow-legs, 69; Lesser Yellow-legs, 2; Pectoral Sandpiper, 2 [no details—Ed.]; Least Sandpiper, 12; Semipalmated Sandpiper, 14; Long-billed Dowitcher, 10; Western Sandpiper, 62; Ring-billed Gull, 2; Mourning Dove, 22; Belted Kingfisher, 1; Red-shafted Flicker, 8; Black Phoebe, 4; Say's Phoebe, 7; Woodhouse's Jay, 5; White-necked Raven, 300 (est.); Verdin, 2; Red-breasted Nuthatch, 4; House Wren, 1; Cactus Wren, 2; Marsh Wren, 1; Cañon Wren, 1; Rock Wren, 7; Mockingbird, 1; Mountain Bluebird, 1; Robin, 1; Ruby-crowned Kinglet, 10; Am. Pipit, 5; White-rumped Shrike, 16; Audubon's Warbler, 2; Western Meadowlark, 92; Red-wing, 313; Brewer's Blackbird, 31; English Sparrow, 300 (est.); Cassin's Purple Finch, 61; House Finch, 55; Arkansas Goldfinch, 8; Green-tailed Towhee, 2; Spurred Towhee, 1; Cañon Towhee, 2; Lark Bunting, 12; Savannah Sparrow, 1; Baird's Sparrow, 6; Vesper Sparrow, 1; Desert Sparrow, 100 (est.); Sage Sparrow, 8; Pink-sided Junco, 10; Gray-headed Junco, 20; Chipping Sparrow, 10; Brewer's Sparrow, 120 (est.); Fox Sparrow, 2; White-crowned Sparrow, 46; Gambel's Sparrow, 260 (est.); Song Sparrow, 17. **Total,** 76 species; approximately 2281 individuals.—Tom Kirksey, Mary Harper, Mary Belle Keefer, Mrs. Marguerite Wright, Mrs. J. O. Allen, Mrs. Lena McBee.

Fort Worth, Texas (Trinity Park, Fort Worth Botanic Garden, Lake Como, Ridglea Addition, Z. Boaz Golf Course, Old Weatherford Road, Lake Worth, region between Lake Worth and Hicks Field and Rockwood Park).—Dec. 27; 8.30 A.M. to 6 P.M. Sunny; a few clouds in the morning, cloudless in afternoon; light north wind, temp. 32° at start, 30° at return, 48° max. Eleven observers working in 6 parties. Total hours afield, 26½ (20½ afoot, 6 by car); total party miles, 187 (31½ afoot, 155½ by car). Pied-billed Grebe, 1; Mallard, 14; Canvas-back, 78; Turkey Vulture, 19; Black Vulture, 4; Sharp-shinned Hawk, 2; Cooper's Hawk, 1; Red-tailed Hawk, 6; Am. Rough-legged Hawk, 3; Marsh Hawk, 10; Duck Hawk, 1; Sparrow Hawk, 15; Bob-white, 45; Coot, 41; Killdeer, 17; Herring Gull, 3; Mourning Dove, 5; Screech Owl (red-brown phase), 1; Barred Owl, 1; Flicker, 34; Red-bellied Woodpecker, 28; Yellow-bellied Sapsucker, 6; Hairy Woodpecker, 5; Downy Woodpecker, 11; Horned Lark, 164; Blue Jay, 41; Crow, 21; Plumbeous Chickadee, 203; Tufted Titmouse, 68; Brown Creeper, 12; Bewick's Wren, 6; Carolina Wren, 17; Short-billed Marsh Wren, 1; Mockingbird, 36; Brown Thrasher, 5; Robin, 33; Wood Thrush, 1; Bluebird, 1; Golden-crowned Kinglet, 45; Ruby-crowned Kinglet, 19; Cedar Waxwing, 12; Loggerhead Shrike, 24; Starling, 113; Myrtle Warbler, 30; English Sparrow, 57; Meadowlark, 126; Red-wing, 11,060 (est.); Cardinal, 129; Goldfinch, 79; Towhee, 11; Arctic Towhee, 16; Savannah Sparrow, 25; Vesper Sparrow, 11; Rufous-crowned Sparrow, 2; Slate-colored Junco, 134; Tree Sparrow, 3; Field Sparrow, 47; Harris's Sparrow, 43; White-throated Sparrow, 18; Fox Sparrow, 30; Song Sparrow, 10; unidentified warbler, 1. **Total,** 62 species; approximately 13,005 individuals.—Mr. and Mrs. Wade A. Smith, Mrs. Robert Bowman, Mrs. Ruth Harrison, Mrs. Grace Covey, Mrs. George Adams, Lena Dunlavy, Clarice Jackson, David Hildebrand, Mac Evans and Wm. L. McCart (members Fort Worth Audubon Club).

Hot Springs (Brewster Co.), Texas (along Rio Grande from Boquillas to San Vicente; junctions of Tornillo and San Francisco Creeks with Rio Grande; Boquillas).—Dec. 27; 9 A.M. to 5.30 P.M. Clear; no wind; temp. 55° at start, 70° at return. One observer. Total hours afield, 8½ (7 afoot, 1½ by car); total miles, 11 (5 afoot, 6 by car). Great Blue Heron, 1; Am. Merganser, 22 (♀s); Sharp-shinned Hawk, 1; Cooper's Hawk, 1; Fuertes' Red-tailed Hawk, 2 (good light, 6× binocular showed but faint streaking on belly; throat light); Marsh Hawk, 1; Scaled Quail, 6; Killdeer, 5; Wilson's Snipe, 2; Spotted Sandpiper, 4; Mourning Dove, 3; White-winged Dove, 2; Inca Dove, 8; Road-runner, 2; Black-chinned Hummingbird, 2; Red-shafted Flicker, 2 (remains of third); Yellow-bellied Sapsucker, 1 (forecrown and throat red, outlined with black; heavy white line above and below eye; white wing patch unbroken oblong; outer section tail white, obscurely barred with dusky); Ladder-backed Woodpecker, 1; Eastern Phoebe, 2 (blackish mandibles, obscure wing-bars); Black Phoebe, 7; Say's Phoebe, 3; *Empidonax* Flycatcher (sp. ?), 2; Bank Swallow, 5 [no details—Ed.]; Verdin, 6; Bewick's Wren, 2; Cactus Wren, 1; Long-billed Marsh Wren, 1; Cañon Wren, 3; Rock Wren, 13; Mockingbird, 6; Curve-billed Thrasher, 1; Crissal Thrasher, 2; Plumbeous Gnatcatcher, 9; Ruby-crowned Kinglet, 10; Am. Pipit, 3; Loggerhead Shrike, 7; Orange-crowned Warbler, 5; Myrtle Warbler, 8 (white throat, call-note); Audubon's Warbler, 15; Yellow-throat, 1; English Sparrow, 30; Cardinal, 3; Pyrrhuloxia, 6; House Finch, 5; Desert Sparrow, 5; Gambel's Sparrow, 10. **Total,** 46 species; 237 individuals.—Lovie M. Whitaker.

Houston, Texas (lower portion of San Jacinto River from point 15 miles upstream near Sheldon, south to Lynchburg, Baytown, Strang, San Jacinto Battleground, Highland; heavy woods, marshes, cypress swamp, open fields, salt-water estuary, riverbottom).—Dec. 28; 7 A.M. to 5 P.M. Sunny; very little wind; temp. 40° to 59°. Twenty observers in 5 parties. Total party miles, 194¼ (173 by car, 20 on foot, 1¼ by boat); total party hours, 44¼. White Pelican, 20; Brown Pelican, 10; Louisiana Heron, 6; Little Blue Heron, 50 (est.); Baldpate, 3; Lesser Scaup, 30; Am. Golden-eye, 2; Turkey Vulture, 43; Black Vulture, 58; Cooper's Hawk, 1; Red-tailed Hawk, 21; Krider's Hawk, 1; Red-shouldered Hawk, 3; Marsh Hawk, 40; Audubon's Caracara, 2; Sparrow Hawk, 108; Bob-white, 21;

Killdeer, 109; Black-bellied Plover, 1; Woodcock, 1; Lesser Yellow-legs, 9; Sanderling, 3; Herring Gull, 2; Ring-billed Gull, 32; Laughing Gull, 21; Gull-billed Tern, 3; Common Tern, 12; Forster's Tern, 1; Royal Tern, 1; Black Skimmer, 200 (est.); Mourning Dove, 225 (est.); Barred Owl, 4; Belted Kingfisher, 14; Flicker, 40; Pileated Woodpecker, 1; Red-bellied Woodpecker, 2; Yellow-bellied Sapsucker, 7; Hairy Woodpecker, 1; Downy Woodpecker, 2; Phoebe, 16; Blue Jay, 44; Crow, 101; Black-capped Chickadee, 76; Tufted Titmouse, 39; White-breasted Nuthatch, 2; Red-breasted Nuthatch, 5; Brown Creeper, 1; House Wren, 6; Carolina Wren, 19; Short-billed Marsh Wren, 4; Mockingbird, 64; Brown Thrasher, 25; Robin, 10; Bluebird, 37; Blue-gray Gnatcatcher, 2; Golden-crowned Kinglet, 28; Ruby-crowned Kinglet, 20; Am. Pipit, 8; Cedar Waxwing, 125 (est.); Loggerhead Shrike, 2; Migrant Shrike, 138; Starling, 275 (est.); White-eyed Vireo, 1; Blue-headed Vireo, 2; Myrtle Warbler, 220 (est.); Pine Warbler, 200 (est.); Yellow-throat, 1; English Sparrow, 186; Meadowlark, 173; Red-wing, 1500 (est.); Rusty Blackbird, 11; Brewer's Blackbird, 650 (est.); Boat-tailed Grackle, 4; Purple Grackle, 1000 (est.); Bronzed Grackle, 14; Cowbird, 750 (est.); Cardinal, 114; Goldfinch, 135; Towhee, 2; Savannah Sparrow, 52; Pine-woods Sparrow, 2; Slate-colored Junco, 2; Chipping Sparrow, 21; Field Sparrow, 96; White-crowned Sparrow, 1; White-throated Sparrow, 70; Fox Sparrow, 1; Lincoln's Sparrow, 2; Swamp Sparrow, 8; Song Sparrow, 4. **Total,** 92 species; approximately 7401 individuals.—Robert Albertson, Marshall Black, C. Ed. Buehner, Miles Croom, Capt. and Mrs. E. T. Dawson, Homer H. Flagg, Zora Joy Gifford, Walter Hearn, J. M. Heiser, Jr., Mabel Kaiser, Jack Lawrence, Fred Metts, Mrs. E. W. Miner, Wesley Moffitt, Magdalena Sanders, Mr. and Mrs. A. P. Todd, Mrs. J. E. Wilborn, George G. Williams (members Houston Outdoor Nature Club).

Columbia Falls, Mont. (same area as in previous years, except island south of pole yard which could not be reached because of high water).—Dec. 21; 8.30 a.m. to 5.30 p.m. Cloudy with large clear rifts through which the sun shone part of the day; 3 snow squalls; no wind; ground frozen and bare, all snow melted by recent warm rains; temp. 30° to 34°. One observer until 1.30 p.m., 2 together thereafter. Total miles on foot, 10½; by car, 27; total hours afoot, 7½; by car, 1½. Bare ground in wheat fields with much open water at McWinniger Slough accounts for the large number of Mallards. Mallard, 2500 (est.); Golden-eye, 15; Pheasant, 23; Red-shafted Flicker, 1; Pileated Woodpecker, 4; Hairy Woodpecker, 9; Gairdner's Woodpecker, 1 (rare, observed at 4 or 5 feet for some time, bars on outer tail-feathers prominent); Batchelder's Woodpecker, 4; Arctic Three-toed Woodpecker, 1; Alaska Three-toed Woodpecker, 1; Magpie, 18; Long-tailed Chickadee, 60 (est.); Mountain Chickadee, 25; Rocky Mountain Nuthatch, 1; Red-breasted Nuthatch, 21; Creeper, 3; Golden-crowned Kinglet, 10; Bohemian Waxwing, 40 (est.); English Sparrow, 175 (est.); Brewer's Blackbird, 12; Pine Grosbeak, 1; Evening Grosbeak, 8; Common Redpoll, 130 (est.); Crossbill, 100 (est.); Song Sparrow, 3. **Total,** 25 species; approximately 3166 individuals.—Carleton and Phyllis Thoroman.

Fortine, Mont. (regular territory—farms, forests, and riverflats in central Fortine valley).—Dec. 24; 8 a.m. to 5.10 p.m. Cloudy; ground bare; light north wind in afternoon; temp. 24° to 32°. About 20 miles on foot, within a 5-mile diameter. Mallard, 30; Green-winged Teal, 8; Ring-necked Duck, 1; Am. Merganser, 2; Ruffed Grouse, 1; Wilson's Snipe, 2; Horned Owl, 3; Pileated Woodpecker, 1; Hairy Woodpecker, 4; Batchelder's Woodpecker, 1; Arctic Three-toed Woodpecker, 1; Alaska Three-toed Woodpecker, 1; Rocky Mountain Jay, 5; Magpie, 16; Raven, 9; Clark's Nutcracker, 10; Long-tailed Chickadee, 6; Mountain Chickadee, 105; Rocky Mountain Nuthatch, 79; Red-breasted Nuthatch, 210; Creeper, 4; Dipper, 3; Golden-crowned Kinglet, 7; Pine Grosbeak, 11; Common Redpoll, 16; Bendire's Crossbill, 29; White-winged Crossbill, 47; Song Sparrow, 1. **Total,** 28 species; 613 individuals. Unusual concentration of Mountain Chickadees, Rocky Mountain Nuthatches and Red-breasted Nuthatches due to heavy cone-crop—Winton Weydemeyer.

Missoula, Mont. (by car to Bitterroot River at mouth of Miller Creek, thence on foot along east bank, by car to Grass Valley, thence on foot across fields at Deschamp Ranch to warm slough, then by car to Greenough Park in Missoula, thence on foot along both banks of Rattlesnake Creek).—Dec. 24; 9 a.m. to 4.15 p.m. Cloudy all day with snow flurries in afternoon; no wind in morning, 10-mile northwest wind in afternoon; little snow on ground in valleys where observations were made; temp. 28° at start, 30° at return. Three observers in one party. Total miles by car, 30; total hours by car, 1; total miles on foot, 10. Great Blue Heron, 3; Mallard, 500 (est.); Green-winged Teal, 50; Golden-eye, 1 (♀, species undetermined); Rough-legged Hawk, 1; Hungarian Partridge, 7; Pheasant, 26; Kingfisher, 1; Red-shafted Flicker, 3; Hairy Woodpecker, 2; Downy Woodpecker, 4; Am. Magpie, 60; Long-tailed Chickadee, 19; White-breasted Nuthatch, 4; Dipper, 1; Golden-crowned Kinglet, 3; Bohemian Waxwing, 15; Northwestern Shrike, 1; Redpoll, 15; English Sparrow, 150; Tree Sparrow, 2; Song Sparrow, 6. **Total,** 22 species; 874 individuals.—K. D. Swan, Ralph L. Hand, David Bates.

Douglas, Wyo. (along North Platte River from Irvine to Orpha).—Dec. 26; 7 a.m. to 4 p.m. Clear; 8-in. snow on ground; temp. −4° at start, 7° at return; no wind. Partly by auto, partly afoot. Observers in pairs. Total hours, 11. Mallard, 44; Rough-legged Hawk, 2; Ferruginous Rough-leg, 1; Marsh Hawk, 1; Prairie Falcon, 2; Sage Hen, 11; Pheasant, 19; Wilson's Snipe, 8; Horned Owl, 3; Long-eared Owl, 4; Belted Kingfisher, 2; Red-shafted Flicker, 11; Hairy Woodpecker, 1; Horned Lark, 190 (est.); Am. Magpie, 134; Long-tailed Chickadee, 13; Mountain

Chickadee, 6; Robin, 1; Townsend's Solitaire, 3; Bohemian Waxwing, 134; White-rumped Shrike, 1; English Sparrow, 20; Gray-crowned Rosy Finch, 18; Goldfinch, 3; Pink-sided Junco, 8; Tree Sparrow, 46; Song Sparrow, 12. **Total,** 27 species; approximately 698 individuals.—ROGER POWELL, WARREN GARST, BILL EASTMAN, JR., KENNETH COOK.

Grand Teton National Park, Moose, Wyo. (park headquarters to Beaver Ponds, along trail through forested area to Whitegrass Ranch, along road by small ponds and streams and return across sagebrush flats near east park boundary).—Dec. 23; 8.30 A.M. to 5 P.M. Partly cloudy in A.M.; cloudy and snowing in P.M.; 28-in. snow; wind light, southeast; temp. 5° at start, 15° at return. Two observers in 1 party. Total miles by ski, 11; total party hours, 8½. Mallard, 8; Barrow's Golden-eye, 4; Goshawk, 1; Ruffed Grouse, 3; Belted Kingfisher, 1; Hairy Woodpecker, 2; Downy Woodpecker, 1; Rocky Mountain Jay, 3; Black-headed Jay, 3; Am. Magpie, 1; Am. Raven, 2; Clark's Nutcracker, 6; Black-capped Chickadee, 5; Mountain Chickadee, 13; Creeper, 2; Golden-crowned Kinglet, 9; Slate-colored Junco, 3. **Total,** 17 species; 66 individuals.—ALLYN F. HANKS, CARL E. JEPSON.

Colorado Springs, Colo. (Johnson Reservoir to fountain, across mesa west to Cañon City road, thence north to Ivywild, Broadmoor, South Cheyenne Cañon, and Stratton Park, with census completed in the Garden of the Gods).—Dec. 21; 6.30 A.M. to 5 P.M. Clear; ground bare; wind northeast, moderate; temp. 21° at start, 50° at return. Two observers, together when in automobile, generally separated when on foot. Total hours afield, 13 (7 by automobile together, 3 each apart on foot); total miles, 68 (60 by automobile together, 4 each apart, on foot). Mallard, 830+; Baldpate, 11; Green-winged Teal, 11; Redhead, 2; Am. Merganser, 20; Red-breasted Merganser, 7; Red-tailed Hawk, 3; Golden Eagle, 1; Bald Eagle, 2; Marsh Hawk, 8 (including 1 adult ♂); Prairie Falcon, 1; unidentified falcon, 1; Western Pigeon Hawk, 1 (identified as *bendirei* by bright plumage and dark crown, at 30 ft.); Sparrow Hawk, 1; Pheasant, 9; Coot, 1; Wilson's Snipe, 6; Ring-billed or Herring Gull, 1; Bonaparte's (?) Gull, 1 (a small whitish gull, not tern, with a pronounced black *spot* behind the eye, tail unmarked, upper wing surface not visible, seen overhead at 50 ft. with binoculars—Gadd); Rock Dove, 40+ (living wild in Garden of Gods); Red-shafted Flicker, 10; Lewis's Woodpecker, 13; Downy Woodpecker, 1 (heard); Horned Lark, 90+; Long-crested Jay, 104+; Woodhouse's Jay, 24; Magpie, 107+; White-necked Raven, 2 (identified by both observers at 100 ft., with binoculars, by heavy bills, wedge-shaped tails, and voice; species has recently nested north of Denver); Crow, 1; Piñon Jay, 100+; Long-tailed Chickadee, 17; Rocky Mountain Nuthatch, 1; Black-eared Nuthatch, 12; Creeper, 3; Cañon Wren, 2; Townsend's Solitaire, 2; Golden-crowned Kinglet, 3; English Sparrow, 65+; Western Meadowlark, 16; Red-wing, 8; Cassin's Purple Finch, 5; House Finch, 33; Pine Siskin, 50+; Goldfinch, 1; Arctic or Spurred Towhee, 1; White-winged Junco, 1; Slate-colored Junco, 3; Shufeldt's Junco, 11; Montana Junco, 5; Pink-sided Junco, 86; Gray-headed Junco, 28; unidentified juncos, 150+; Tree Sparrow, 50+; Song Sparrow, 6. **Total,** 52 species and subspecies; approximately 1968 individuals.—W. LEWIS ABBOTT, S. W. GADD.

Fort Morgan, Colo. (Platte River bottoms from Ft. Morgan west to Bijou Creek, thence across farmlands to U. S. Highway No. 6 and back, about 8 miles on foot).—Dec. 23; 8 A.M. to 4 P.M. Cloudy; 6 to 12 inches of snow; no wind; temp. 15° at start, 30° at return. Mallard, 5000 (est.); Pintail, 50; Green-winged Teal, 6; Swainson's Hawk, 2; Red-tailed Hawk, 2; Marsh Hawk, 3; Pheasant, 40; Wilson's Snipe, 6; Ring-billed Gull, 2; Great Horned Owl, 1; Belted Kingfisher, 3; Red-shafted Flicker, 6; Hairy Woodpecker, 1; Batchelder's Woodpecker, 5; Horned Lark, 500 (est.); Blue Jay, 5; Long-crested Jay, 2; Am. Magpie, 18; Long-tailed Chickadee, 8; White-breasted Nuthatch, 1; Red-breasted Nuthatch, 2; Creeper, 1; Brown Thrasher, 1; Robin, 5; White-rumped Shrike, 5; Starling, 20; English Sparrow, 100; Western Meadowlark, 6; Thick-billed Red-wing, 500 (est.); House Finch, 3; Shufeldt's Junco, 24; Pink-sided Junco, 50; Tree Sparrow, 25; Song Sparrow, 3. **Total,** 34 species; 6406 individuals. This is my first winter record of the Brown Thrasher.—EDWARD HELLSTERN.

Glenwood Springs, Colo. (4 miles of the Colorado River in Glenwood Canyon east of town, 2 miles of No Name Canyon, streets of town for English Sparrows).—Dec. 28; 9 A.M. to 4 P.M. Scattered clouds; calm; temp. 28° at start, 40° at noon, 25° at finish. Six observers, 3 parties. Total hours afield, 11 (7 on foot, 4 by car); total party miles, 20 (7 on foot, 13 by car). Mallard, 7; Am. Golden-eye, 1; Downy Woodpecker, 1; Long-crested Jay, 10; Woodhouse's Jay, 6; Am. Magpie, 10; Long-tailed Chickadee, 15; Creeper, 1; Dipper, 14; Cañon Wren, 2; Townsend's Solitaire, 3; English Sparrow, 273; Gray-crowned Rosy Finch, 38; Hepburn's Rosy Finch, 2; Slate-colored Junco, 1; Oregon Junco, 11; Pink-sided Junco, 7; Gray-headed Junco, 6. **Total,** 17 species; 408 individuals.—MRS. E. R. GUILD, J. N. GUILD, ARMIDA KOIVISTO, NORMA L. BENEDECK, MARILYN J. ADRIANCE, CAPT. E. R. GUILD.

Golden, Colo. (including flood plain of Clear Creek, Lookout Mountain, and plains area to Marston Reservoir; elevation 5600 to 7400 feet).—Dec. 22; 6 A.M. to 5 P.M. Dense fog at start accompanied by extremely heavy frost; temp. 20° at start, 0° at return; snow commencing at 8 A.M. and continuing all day; only 1 small pond and a small portion in the middle of Marston Reservoir free of ice; defense restrictions prevented a close inspection of waterfowl in the reservoir. One observer. Total miles, 63 (55 by car, 8 afoot). Mallard, 10; Green-winged Teal, 25; Am. Golden-eye, 3; Buffle-head, 3; Am. Merganser, 2; Am. (?) Rough-legged Hawk, 1; Marsh Hawk, 5; Sparrow Hawk, 1; Pheasant, 4; Snipe, 1; Herring Gull, 2; Rock Dove, 15; Red-shafted Flicker, 4; Lewis's Woodpecker, 18; Hairy Woodpecker, 3; Downy Woodpecker, 1; Horned Lark (Prairie),

200; Long-crested Jay, 15; Magpie, 75; Long-tailed Chickadee, 12; Mountain Chickadee, 14; Creeper, 1; English Sparrow, 10; Western Meadowlark, 9; Red-wing, 15,000 (est., in roost north of Marston Reservoir); Purple Finch, 5; House Finch, 24; Pine Siskin, 20; Goldfinch, 2; Gray-crowned (?) Rosy Finch, 20; Slate-colored Junco, 22; White-winged Junco, 6; Pink-sided Junco, 15; Montana Junco, 1; Shufeldt's Junco, 8; Gray-headed Junco, 1; Tree Sparrow, 6; Song Sparrow, 8. **Total,** 38 species; approximately 15,572 individuals.—JOHN F. MANN, JR.

Bosque del Apache National Wildlife Refuge, San Antonio, N. Mex. (both sides of Rio Grande and immediate vicinity of San Antonio).—Dec. 21; 6.40 A.M. to 5.15 P.M. Partly cloudy; light to strong south wind; temp. 30° at start, 52° at return. Five observers in 3 parties. Total hours afield, 25 (14 on foot, 11 by car); total party miles, 70 (10 on foot, 60 by car). Pied-billed Grebe, 4; Double-crested or Mexican Cormorant, 1 (A.D.C.); Treganza's Heron, 32; Black-crowned Night Heron, 2 (A.D.C.); Canada Goose, 287; Lesser Canada Goose, 553; White-fronted Goose, 7; Lesser Snow Goose, 17; Blue Goose, 2 (studied for 15 minutes at 120 feet with 6× glasses, almost entirely white head and upper neck noted—G.M.); Mallard, 1064; New Mexican Duck, 16; Gadwall, 291; Baldpate, 17; Pintail, 19; Green-winged Teal, 483; Shoveller, 180; Redhead, 5; Lesser Scaup, 26; Buffle-head, 3; Am. Merganser, 30; Red-breasted Merganser, 3; Cooper's Hawk, 2; Red-tailed Hawk, 9; Ferruginous Rough-leg, 1; Golden Eagle, 2; Bald Eagle, 1; Marsh Hawk, 10; Pigeon Hawk, 1; Sparrow Hawk, 4; Scaled Quail, 23; Gambel's Quail, 101; Pheasant 1; Coot, 2; Killdeer, 6; Wilson's Snipe, 4; Greater Yellow-legs, 31; Least Sandpiper, 42; Dowitcher, 46; Ring-billed Gull, 302; Mourning Dove, 2; Road-runner, 1; Horned Owl, 1; Belted Kingfisher, 2; Red-shafted Flicker, 20; White-breasted Woodpecker, 3; Cactus Woodpecker, 3; Say's Phoebe, 8; Woodhouse's Jay, 10; Am. Magpie, 7; Am. Raven, 3; Mountain Chickadee, 1; Verdin, 4; Bush-Tit, 19; Rocky Mountain Nuthatch, 2; Baird's Wren, 4; Cactus Wren, 2; Marsh Wren, 3; Rock Wren, 1; Sage Thrasher, 2; Chestnut-backed Bluebird, 13; Mountain Bluebird, 36; Western Gnatcatcher, 1; Ruby-crowned Kinglet, 7; Am. Pipit, 4; White-rumped Shrike, 8; Audubon's Warbler, 12; English Sparrow, 4; Western Meadowlark, 9; Yellow-headed Blackbird, 220; Red-wing, 4320; House Finch, 50; Pale Goldfinch, 49; Arkansas or Green-backed Goldfinch, 2; Spurred Towhee, 9; Cañon Towhee, 21; Savannah Sparrow, 10; Scott's Sparrow, 1 (G.M.); Sage Sparrow, 274; Shufeldt's Junco, 166; Montana (?) Junco, 30; Pink-sided Junco, 118; Gray-headed Junco, 1; Gambel's Sparrow, 147; Lincoln's Sparrow, 1; Song Sparrow, 75. **Total,** 85 species and subspecies; approximately 9316 individuals.—A. D. CAMPBELL, KENNETH HENDREN, RAY H. HUNTER, GALE and SALLY MONSON.

Carlsbad, N. Mex. (along Pecos River at Carlsbad, Carlsbad to Malaga, along Black River to Blue Springs Falls and return).—Dec. 26; 9.30 A.M. to 5 P.M. Partly cloudy; wind northwest, light to moderate; temp. 39° at start, 42° at return. About 66 miles by car, 3 on foot, all within area 15 miles in diameter. Observers together. Treganza's Heron, 1; Mallard, 12; Gadwall, 30; Baldpate, 5; Pintail, 15; Green-winged Teal, 30; Redhead, 12; Lesser Scaup, 5; Ruddy Duck, 150 (est.); Am. Merganser, 9; Goshawk, 1; Sharp-shinned Hawk, 2; Cooper's Hawk, 1; Red-tailed Hawk, 9; Swainson's Hawk, 2; Am. Rough-legged Hawk, 2; Ferruginous Rough-leg, 5; Marsh Hawk, 11; Sparrow Hawk, 9; Scaled Quail, 20; Coot, 5; Killdeer, 17; Western Sandpiper, 12; Ring-billed Gull, 26; Mourning Dove, 28; Road-runner, 1; Kingfisher, 1; Red-shafted Flicker, 33; White-breasted Woodpecker, 1; Cactus Woodpecker, 5; Ash-throated Flycatcher, 1; Say's Phoebe, 4; Woodhouse's Jay, 4; White-necked Raven, 76; Mountain Chickadee, 2; Plain Titmouse, 1; Mockingbird, 1; Ruby-crowned Kinglet, 4; Am. Pipit, 350 (est.); White-rumped Shrike, 13; Myrtle Warbler, 3; English Sparrow, 660 (est.); Meadowlark, 181 (est.); Red-wing, 700 (est.); Brewer's Blackbird, 2; House Finch, 8; Spurred Towhee, 4; Shufeldt's Junco, 40; White-crowned Sparrow, 89; Song Sparrow, 24. **Total,** 50 species; about 2627 individuals.—H. J. BRODRICK, ERNST CHRISTENSEN.

San Andres National Wildlife Refuge (Dona Ana Co.), N. Mex. (road from west boundary of refuge to Ash Spring and vicinity; also vicinity of Rope Springs, all in the desert brush type San Andres Mountains).—Dec. 21; 9.30 A.M. to 4.30 P.M. Partly cloudy; wind southwest, light to moderate; temp. 45° at start, 52° at return. Four observers in 2 parties. Total hours afield, 14 (12 on foot, 2 by car); total party miles, 4½ (2 on foot, 2½ by car). Golden Eagle, 1; Gambel's Quail, 21; Cactus Woodpecker, 1; Woodhouse's Jay, 2; Bewick's Wren, 2; Cactus Wren, 3; Cañon Wren, 1; Rock Wren, 1; Robin, 1; Western Bluebird, 13; Ruby-crowned Kinglet, 4; House Finch, 4; Spotted Towhee, 4; Rufous-crowned Sparrow, 1; Desert Sparrow, 5; Oregon Junco, 61; Red-backed Junco, 1; unidentified species, 15. **Total,** 17 species; 141 individuals.—LOULITIA VALENTINE, KENNETH VALENTINE, AUDREY G. HALLORAN, ARTHUR F. HALLORAN.

Ahsahka, Idaho (west along the Clearwater River to Migil's Spur, then north and east across benchland fields and through coniferous woodlots to an elevation of 1800 feet, then east and south returning to Ahsahka through coniferous forests).—Dec. 21; 8 A.M. to 3 P.M. Partly cloudy; no snow; no wind; temp. 45° at start, 42° at return. Single observer. Total miles afoot, 8; total hours afoot, 7. Mallard, 1; Ruffed Grouse, 3; Hungarian Partridge, 7; Chinese Pheasant, 12; Flicker, 9; Hairy Woodpecker, 1; Magpie, 21; Black-capped Chickadee, 9; Cañon Wren, 3; Meadowlark, 2; Goldfinch, 32; Junco, 26; Song Sparrow, 18. **Total,** 13 species; 144 individuals.—J. A. STEIGER.

Deer Flat National Wildlife Refuge, Nampa, Idaho (along shore of Lake Lowell, dense willow growths, partially submerged, open bays and mud flats, adjoining agricultural fields).—Dec. 21; 8.30 A.M. to 4.30 P.M. Partly

cloudy; ground bare; strong northwest wind; temp. 31° at start, 37° at return. One observer. Total miles by car, 38; on foot, 6; total hours, 8. Western Grebe, 1; White Pelican, 1; Great Blue Heron, 3; Canada Goose, 978; Mallard, 332,300; Gadwall, 28; Baldpate, 2269; Pintail, 12,396; Green-winged Teal, 9422; Shoveller, 3; Redhead, 2; Canvas-back, 17; Scaup, 21; Golden-eye, 5; Buffle-head, 3; Am. Merganser, 80; Red-breasted Merganser, 31; Swainson's Hawk, 2; Rough-legged Hawk, 3; Golden Eagle, 1; Duck Hawk, 2; Sparrow Hawk, 3; Marsh Hawk, 8; Hungarian Partridge, 28; Bob-white, 42; Ring-necked Pheasant, 393; Am. Coot, 3; Wilson's Snipe, 2; California Gull, 396; Mourning Dove, 1; Horned Owl, 1; Short-eared Owl, 3; Red-shafted Flicker, 27; Horned Lark, 2; Am. Magpie, 455; Crow, 26,215; Shrike, 3; English Sparrow, 240; Western Meadowlark, 9; Blackbird, 875 [sp.?—Ed.]; Redpoll, 27; Goldfinch, 5; Oregon Junco, 250; White-crowned Sparrow, 2. **Tota** l. 44 species; about 386,558 individuals.—Ralph C. Winslow.

Lewiston, Idaho (afoot through cemetery, city parks, along river front within city limits, and along reservoir; by car along Tammany Creek, Clearwater River to forebay and Goat Island, through orchards, and to reservoir).—Dec. 21; 7.30 a.m. to 4 p.m. Rather dense ground fog until almost noon, then sunny; no snow; slight northeast wind; temp. 32° at start, 39° at return. Five observers together, but not all in field all day (the first few hours afoot in town by one observer). Total hours, 8½; total miles, 71 (7 afoot, 64 by car). Western Grebe, 1; Great Blue Heron, 1; Canada Goose, 41; Mallard, 378±; Baldpate, 144±; Pintail, 8; Green-winged Teal, 75±; Blue-winged Teal, 3 [no details—Ed.]; Am. Golden-eye, 3; Buffle-head, 3; Hooded Merganser, 2 (pair); Am. Merganser, 11; Marsh Hawk, 6; Sparrow Hawk, 2; European Partridge, 12; Pheasant, 8; Coot, 2; Killdeer, 12; gull (sp. ?), 2; Mourning Dove, 1; Kingfisher, 1; Red-shafted Flicker, 12; Magpie, 3; Brown Creeper, 2; Robin, 83; Am. Pipit, 80±; Cedar Waxwing, 7; Northwestern Shrike, 1; Audubon's Warbler, 14; English Sparrow, 214+; Meadowlark, 23; House Finch, 189+; Pine Siskin, 22; Goldfinch, 8; Oregon Junco, 67; Tree Sparrow, 2; Gambel's Sparrow, 84±; Song Sparrow, 43. **Total,** 38 species; approximately 1570 individuals.—Mrs. U. S. Miller, Lorena Miller, W. McCamant, Mr. and Mrs. F. C. Gillett.

Moscow, Idaho (Moscow Mountains, 3100 to 4900 feet altitude).—Dec. 27; 9.15 a.m. to 3.25 p.m. Clear and sunny; light southwest wind; temp. 15° to 24°; 6 to 16 inches of snow. Total hours afoot, 6 hours and 10 minutes; total miles afoot, 8½. Marsh Hawk, 1; Dusky Grouse, 4; Ruffed Grouse, 2; Pileated Woodpecker, 2; Hairy Woodpecker, 1; Am. Magpie, 1; Black-capped Chickadee, 18 (flocks of 13, 5); Chestnut-backed Chickadee, 11; Mountain Chickadee, 4 (a mixed flock contained the 3 species in the order 13, 11, 2, and 1 Creeper); Red-breasted Nuthatch, 27; Brown Creeper, 5 (groups of 2, 1, 2); Winter Wren, 1; Golden-crowned Kinglet, 17 (flocks of 15, 2); Red Crossbill, 3; Oregon Junco, 28 (flock). **Total,** 15 species; 125 individuals. Robins and Bohemian Waxwings were seen earlier in the day on the road to the mountains.—Leonard Wing.

Bear River National Wildlife Refuge, Brigham, Utah (refuge headquarters west along canal road, south and east over dikes to Perry, north following state highway along foothills to Brigham, west through fields and over salt flats, touching points along Bear River, and back to refuge headquarters).—Dec. 26; 10 a.m. to 5 p.m. Clear; 2-in. snow on ground; light northeast wind; temp. 26° at start, 28° at return. Three observers in 1 party. Total party hours afield, 7; total party miles, 45 (43 by car, 2 on foot). Western Grebe, 2; Pied-billed Grebe, 37; Treganza's Heron, 16; Black-crowned Night Heron, 8; Whistling Swan, 12,625 (est.); Canada Goose, 579; Lesser Snow Goose, 1; Mallard, 17,300 (est.); Gadwall, 18; Baldpate, 12,100 (est.); Pintail, 150,000 (est.); Green-winged Teal, 8500 (est.); Shoveller, 2300 (est.); Redhead, 3; Canvas-back, 8; Lesser Scaup, 1; Am. Golden-eye, 4; Buffle-head, 6; Ruddy Duck, 12; Am. Merganser, 62; Red-breasted Merganser, 5; Rough-legged Hawk, 7; Bald Eagle, 3; Marsh Hawk, 21; Prairie Falcon, 4; Pheasant, 63; Coot, 77; Killdeer, 1; California Gull, 350 [Ring-billed?—Ed.]; Herring Gull, 2; Short-eared Owl, 4; Red-shafted Flicker, 2; Horned Lark, 634; Am. Magpie, 7; Am. Raven, 31; English Sparrow, 98; Western Meadowlark, 6; Thick-billed Redwing, 103; Brewer's Blackbird, 200; Sage Sparrow, 2; Song Sparrow, 14. **Total,** 41 species; 205,216 individuals.—Vanez T. Wilson, E. R. Quortrup, L. Young (Bear River National Wildlife Refuge).

Ogden, Utah (Hooper Waterfowl Run, foothills, pastureland, hollows, swamps, river-bottoms).—Dec. 26; 8 a.m. to 7 p.m. Clear; wind 10 m.p.h.; temp. 28° at start, 55° at finish. Six observers working in 3 parties. Total party miles, 62 (26 on foot, 36 by car); total party hours, 23¾ (9 hours 25 minutes by car, 14 hours 10 minutes afoot). Pied-billed Grebe, 1; Canada Goose, 42; Mallard, 117; Gadwall, 5; Baldpate, 19; Pintail, 13; Green-winged Teal, 74; Shoveller, 3; Canvas-back, 1; Am. Golden-eye, 2; Buffle-head, 2; Am. Merganser, 1; Goshawk, 1; Cooper's Hawk, 1; Red-tailed Hawk, 1; Am. Rough-legged Hawk, 1; Ferruginous Rough-leg, 1; Marsh Hawk, 20; Prairie Falcon, 1; Duck Hawk, 1; Sparrow Hawk, 1; California Quail, 70+; Pheasant, 44; Coot, 3; Killdeer, 11; Wilson's Snipe, 23; Ring-billed Gull, 30; Horned Owl, 1; Belted Kingfisher, 4; Red-shafted Flicker, 25; Downy Woodpecker, 5; Horned Lark, 612; Woodhouse's Jay, 9; Magpie, 72+; Am. Raven, 11; Long-tailed Chickadee, 54; Dipper, 2; Robin, 1; Golden-crowned Kinglet, 4; Ruby-crowned Kinglet, 1; Pipit, 15; Bohemian Waxwing, 40; Cedar Waxwing, 14; Northern Shrike, 1; English Sparrow, 228; Red-wing, 404+; Goldfinch, 36; Pine Siskin, 16; Spurred Towhee, 2; Montana Junco, 78+; Pink-sided Junco, 1; Gambel's Sparrow, 4; Song Sparrow, 22. **Total,** 54 species; approximately 2151 individuals.—Douglas Hooper, Paul Newey, Jim Poorman, Dee Porter, Lee Porter, A. Ross.

Salt Lake City, Utah (within radius of 7½ miles of the city and county building).—Dec. 21; 8 A.M. to 4.30 P.M. Light drizzling rain at start, turning to a wet snow at 9 A.M., and to a dry snow by 10 A.M., with a fairly strong northwest wind for balance of the day; temp. 40° to 34°; 4-in. snow by late P.M. Twenty-three observers in 9 parties; 54 party hours; 111 party miles by car; 33 party miles on foot. Pied-billed Grebe, 4; Mallard, 37; Gadwall, 4; Baldpate, 25; Pintail, 259; Green-winged Teal, 17; Ring-necked Duck, 2; Red-breasted Merganser, 1; Hooded Merganser, 2; Goshawk, 1; Red-tailed Hawk, 4; Rough-legged Hawk, 3; Marsh Hawk, 14; Prairie Falcon, 3; Sparrow Hawk, 4; Dusky Grouse, 1 (close observation—Wilson); California Quail, 791; Pheasant, 66; Killdeer, 36; Wilson's Snipe, 20; California Gull, 11; Ring-billed Gull, 85; Kingfisher, 1; Red-shafted Flicker, 57; Lewis's Woodpecker, 4; Red-naped Sapsucker, 1; Hairy Woodpecker, 1; Downy Woodpecker, 6; Horned Lark, 377; Steller's Jay, 4; Woodhouse's Jay, 4; Magpie, 93; Raven, 2; Long-tailed Chickadee, 54; Mountain Chickadee, 23; Red-breasted Nuthatch, 1; Creeper, 1; Dipper, 2; Long-billed Marsh Wren, 1; Robin, 117; Townsend's Solitaire, 1; Golden-crowned Kinglet, 1; Pipit, 66; Bohemian Waxwing, 156; Cedar Waxwing, 200; Northern Shrike, 2; Starling, 5; English Sparrow, 1405; Meadowlark, 68; Red-wing, 261; Brewer's Blackbird, 1872; Evening Grosbeak, 35; Cassin's Purple Finch, 5 (Wilson); House Finch, 1535; Pine Grosbeak, 7 (Evans); Rosy Finch, 2200 (Hepburn's, Gray-crowned and Black all identified—Webb); Pine Siskin, 3368; Pale Goldfinch, 170; Spurred Towhee, 8; Slate-colored Junco, 1; Montana Junco, 219; Pink-sided Junco, 17; Tree Sparrow, 124; Chipping Sparrow, 5 (Daynes); Gambel's Sparrow, 98; Song Sparrow, 76. **Total,** 68 species; approximately 14,042 individuals.—DALE BACHMAN, WILLIAM BADER, MR. and MRS. M. R. CHEESEMAN, J. DONALD DAYNES, THAYER EVANS, LUCILE GILMER, J. GRAHAM, MRS. FRANK JONES, MR. and MRS. C. W. LOCKERBIE, ALLAN NIELSEN, W. G. PALMER, ROBERT PENDLETON, REX B. SNOW, RAYMOND TURNER, A. L. WEBB, E. R. WILSON, DR. A. M. WOODBURY, WALTER WOODBURY, 3 Boy Scouts (members and friends Utah Audubon Society).

Montezuma Castle National Monument, Ariz. (diameter of 2 miles near Camp Verde).—Dec. 27; 8.30 A.M. to 12 M., 2 to 4.45 P.M. Low mist in morning, later higher and cloudy; no wind; temp. 25° at start, 42° at return. Total miles afoot, 6; total hours, 6¼. Treganza's Heron, 2; Am. Merganser, 2; Gambel's Quail, 70+; Killdeer, 7; Mourning Dove, 17+; Belted Kingfisher, 1; Red-shafted Flicker, 10+; Gila Woodpecker, 1; Cactus Woodpecker, 3; Western Wood Pewee, 3 [no details—ED.]; Arizona Jay, 2; Bridled Titmouse, 8; Verdin, 3; Baird's Wren, 5; Cañon Wren, 5; Crissal Thrasher, 3+; Chestnut-backed Bluebird, 15+; Townsend's Solitaire, 3; Ruby-crowned Kinglet, 6; White-rumped Shrike, 1; Cardinal, 9; House Finch, 37; Goldfinch (sp. ?), 5; Green-backed Goldfinch, 2+; Abert's Towhee, 6; Junco (sp.?), 2; Oregon Junco, 14+; Gambel's Sparrow, 104+; Song Sparrow, 1. **Total,** 29 species; about 347 individuals.—BETTY JACKSON.

Santa Catalina Mts., Ariz. (15-mile diameter on south slope centering near Sabino Canyon).—Dec. 21; 7.25 A.M. to 5.30 P.M. Fair and clear in A.M. to cloudy in P.M.; calm, slight breeze to strong west wind; temp. 45° to 65°; at Summerhaven, 8-in. snow, storm; temp. 30°. Sixteen observers working in 8 parties afield. Total hours, 48½; total miles afoot, 49¼, plus 126 by auto. Pied-billed Grebe, 3; Treganza's Heron, 3; Green Heron, 2; Mallard, 5; Baldpate, 13; Green-winged Teal, 5; Redhead, 1; Sharp-shinned Hawk, 6; Red-tailed Hawk, 14; Ferruginous Rough-leg, 1 (J. W.); Golden Eagle, 2; Marsh Hawk, 5; Prairie Falcon, 1; Pigeon Hawk, 1; Sparrow Hawk, 21; Gambel's Quail, 120; Coot, 10; Killdeer, 10; Wilson's Snipe, 3; Band-tailed Pigeon, 50; Mourning Dove, 56; Inca Dove, 52; Road-runner, 1; Mexican Screech Owl, 1 (E. J.); Horned Owl, 5; Ferruginous Pygmy Owl, 1; Belted Kingfisher, 2; Red-shafted Flicker, 23; Gilded Flicker, 55; Gila Woodpecker, 116; Mearns's Woodpecker, 4; Red-naped Sapsucker, 1; Chihuahua Woodpecker, 1; Cactus Woodpecker, 18; Arizona Woodpecker, 1; Black Phoebe, 25; Say's Phoebe, 31; Western Flycatcher, 1; Vermilion Flycatcher, 7; Beardless Flycatcher, 4; Long-crested Jay, 1; Arizona Jay, 50; Am. Raven, 14; Mountain Chickadee, 1; Bridled Titmouse, 28; Verdin, 57; Bush-Tit, 55; Rocky Mountain Nuthatch, 3; Black-eared Nuthatch, 28; Creeper, 1; House Wren, 2; Winter Wren, 2 (R. J.); Baird's Wren, 5; Cactus Wren, 80; Marsh Wren, 2; Cañon Wren, 10; Rock Wren, 21; Mockingbird, 5; Bendire's Thrasher, 9; Palmer's Thrasher, 64; Crissal Thrasher, 4; Robin, 2; Hermit Thrush, 1; Chestnut-backed Bluebird, 9; Mountain Bluebird, 1; Western Gnatcatcher, 13; Plumbeous Gnatcatcher, 6 (+12 unidentified gnatcatchers); Golden-crowned Kinglet, 6; Ruby-crowned Kinglet, 92; Am. Pipit, 14; Cedar Waxwing, 1; Phainopepla, 72; White-rumped Shrike, 26; Stephens's Vireo, 5; Orange-crowned Warbler, 1; Audubon's Warbler, 17; Yellow-throat, 3; English Sparrow, 65; Western Meadowlark, 5 (+221 unidentified meadowlarks); Yellow-headed Blackbird, 18; Red-wing, 146 (est.); Brewer's Blackbird, 150 (est.); Dwarf Cowbird, 15; Cardinal, 55; Pyrrhuloxia, 28; House Finch, 557; Pine Siskin, 14; Pale Goldfinch, 14; Green-backed Goldfinch, 11; Crossbill, 15; Green-tailed Towhee, 10; Spurred Towhee, 3; Cañon Towhee, 30; Abert's Towhee, 11; Lark Bunting, 28; Savannah Sparrow, 3; Vesper Sparrow, 33; Lark Sparrow, 36; Scott's Sparrow, 1; Desert Sparrow, 86; Cassiar's Junco, 1 (L. H.); Shufeldt's Junco, 4; Pink-sided Junco, 9; Gray-headed Junco, 7; Arizona Junco, 6; Chipping Sparrow, 34; Brewer's Sparrow, 11; Black-chinned Sparrow, 5; White-crowned Sparrow, 1 (E. J.); Gambel's Sparrow, 343; Lincoln's Sparrow, 1; Song Sparrow, 23. **Total,** 112 species and subspecies; approximately 4754 individuals.—A. H. ANDERSON, DR. R. A. DARROW, ALMA J. and WM. X. FOERSTER, L. L. HARGRAVE, MR. and MRS. E. C. JACOT, RANDOLPH JENKS, MR. and MRS. E. T. NICHOLS, III, MR. and MRS. R. J. THORNBURG, DR. C. T. VORHIES, H. WEBSTER, JR., MR. and MRS.

J. Wright (members of Bird Club of the Tucson Natural History Society).

Tucson, Ariz. (Santa Cruz River valley and vicinity).—Dec. 28; 7.40 A.M. to 5.30 P.M. Overcast; ground bare; calm; temp. 36° to 56°. Total party hours, 14; total miles afoot, 7, +70 by auto. Pied-billed Grebe, 1; Treganza's Heron, 4; Mallard, 1; Pintail, 43; Green-winged Teal, 15; Blue-winged Teal, 2; Shoveller, 6; Sharp-shinned Hawk, 2; Cooper's Hawk, 3; Red-tailed Hawk, 5; Rough-legged Hawk, 1 (H. W.); Marsh Hawk, 18; Sparrow Hawk, 19; Gambel's Quail, 10; Coot, 15; Killdeer, 51; Wilson's Snipe, 1; Least Sandpiper, 40; Herring Gull, 1 (W. X. F.); Mourning Dove, 277; Inca Dove, 7; Road-runner, 5; Burrowing Owl, 1; Red-shafted Flicker, 17; Gilded Flicker, 3; Gila Woodpecker, 21; Red-naped Sapsucker, 1; Cactus Woodpecker, 6; Black Phoebe, 19; Say's Phoebe, 19; Vermilion Flycatcher, 16; Beardless Flycatcher, 1; Am. Raven, 2; Verdin, 12; House Wren, 1; Baird's Wren, 3; Cactus Wren, 6; Marsh Wren, 5; Rock Wren, 2; Bendire's Thrasher, 3; Palmer's Thrasher, 10; Crissal Thrasher, 1; Western Gnatcatcher, 4; Plumbeous Gnatcatcher, 3; Ruby-crowned Kinglet, 30; Am. Pipit, 2; White-rumped Shrike, 26; Stephens's Vireo, 1; Orange-crowned Warbler, 1; Audubon's Warbler, 9; Yellow-throat, 3; English Sparrow, 75; Western Meadowlark, 115; Red-wing, 1300 (est.); Brewer's Blackbird, 2448; Dwarf Cowbird, 100±; Cardinal, 6; Pyrrhuloxia, 37; House Finch, 152; Green-tailed Towhee, 4; Cañon Towhee, 7; Abert's Towhee, 2; Lark Bunting, 205+; Savannah Sparrow, 4; Baird's Sparrow, 2 (A. J. F.); Vesper Sparrow, 14; Lark Sparrow, 76; Chipping Sparrow, 47; Brewer's Sparrow, 4; Gambel's Sparrow, 258; Lincoln's Sparrow, 1; Song Sparrow, 3. **Total,** 172 species and subspecies; approximately 5615 individuals.—Mr. and Mrs. Wm. X. Foerster, W. W. Grant, Mary Jane Nichols, R. J. Thornburg, Harold Webster, Jr.

Yuma, Ariz. (both sides Colorado River, bottoms, irrigated farmland, brush, aquatics, including Laguna Dam and Imperial Dam).—Dec. 22; 7.15 A.M. to 5.45 P.M. Partly cloudy; wind northwest, light to heavy; temp. 48° at start, 60° (approx.) at return. Three observers in 1 party. Total hours afield, 10.5 (3 by car, 7.5 on foot); total party miles, 72 (4 on foot, 68 by car). Eared Grebe, 1; Pied-billed Grebe, 3; Double-crested Cormorant, 90; Great Blue Heron, 1; Am. Egret, 8; Snowy Egret, 46 (increased winter numbers in this region); Black-crowned Night Heron, 1; Mallard, 25; Pintail, 11; Green-winged Teal, 23; Cinnamon Teal, 6; Shoveller, 12; Redhead, 25; Lesser Scaup, 5; Ruddy Duck, 6; Am. Merganser, 12; Turkey Vulture, 52; Sharp-shinned Hawk, 1; Cooper's Hawk, 1; Red-tailed Hawk, 5; Marsh Hawk, 12; Osprey, 1; Duck Hawk, 1; Pigeon Hawk, 1; Sparrow Hawk, 19; Gambel's Quail, 10; Sora, 1; Florida Gallinule, 2; Coot, 67; Killdeer, 14; Spotted Sandpiper, 6; Greater Yellow-legs, 7; Least Sandpiper, 10; Ring-billed Gull, 95; Mourning Dove, 88; Ground Dove, 22; Road-runner, 3; Belted Kingfisher, 2; Red-shafted Flicker, 5; Gila Woodpecker, 7; Lewis's Woodpecker, 2; Cactus Woodpecker, 4; Black Phoebe, 8; Say's Phoebe, 17; Vermilion Flycatcher, 3; Tree Swallow, 112; Verdin, 2; Bewick's Wren, 2; Cactus Wren, 7; Long-billed Marsh Wren, 1; Rock Wren, 3; Mockingbird, 4; Western Gnatcatcher, 6; Ruby-crowned Kinglet, 11; Am. Pipit, 35; Phainopepla, 4; Loggerhead Shrike, 29; Orange-crowned Warbler, 2; Audubon's Warbler, 11; Yellow-throat, 4; Western Meadowlark, 75; Red-wing, 306; Brewer's Blackbird, 1; House Finch, 57; Green-backed Goldfinch, 3; Abert's Towhee, 11; Savannah Sparrow, 1; Sage Sparrow, 4; Chipping Sparrow, 12; Brewer's Sparrow, 1; Gambel's Sparrow, 106; Lincoln's Sparrow, 3; Song Sparrow, 2. **Total,** 73 species; 1556 individuals.—Luther C. Goldman, Earl Sanders, Lee W. Arnold.

Desert Game Range, Las Vegas, Nev. (reservoir springs, brushy draws, orchard and pasture land at the Corn Creek Ranch headquarters and 8 miles across desert to base of Sheep Mountain Range, all about 26 miles northwest of Las Vegas).—Dec. 27; 8.30 A.M. to 4 P.M. Cloudy; ground sparsely covered with snow; wind east, moderate to heavy; temp. 28° at start, 32° at return. Two observers in 1 party. Total hours afield, 15 (2 on foot, 13 on horseback). Mallard, 1; Sharp-shinned Hawk, 1; Cooper's Hawk, 1; Red-tailed Hawk, 1; Golden Eagle, 2; Marsh Hawk, 3; Prairie Falcon, 1; Gambel's Quail, 32; Coot, 2; Wilson's Snipe, 1; Road-runner, 1; Red-shafted Flicker, 1; Horned Lark, 250; Robin, 2; Shrike, 2; Hutton's Vireo, 4 [Ruby-crowned Kinglet?—Ed.]; English Sparrow, 50; Western Meadowlark, 2; Goldfinch, 6; Savannah Sparrow, 2; Junco, 84; White-crowned Sparrow, 8; Golden-crowned Sparrow, 2; Song Sparrow, 6. **Total,** 24 species; 465 individuals.—Paul H. Pryor, Frank W. Groves.

Gardnerville, Nev. (same territory covered as last year, with addition of sage-covered hilly desert terrain, dotted with an occasional juniper tree, and also pine and aspen forest by a cold mountain creek).—Dec. 22; 6.30 A.M. to 5.30 P.M. Clear with an occasional thin cloud; temp. 15° at start, 38° at noon, and 28° at return. Two observers together in car, one (Shawe) alone on foot. Total hours afield, 9½ (3 on foot, 6½ by car); total miles, 56 (49 by car, 7 on foot). Great Blue Heron, 1; Black-crowned Night Heron, 1; Canada Goose, 96; Mallard, 17; Green-winged Teal, 21 (partly est.); Lesser Scaup, 42 (partly est.); Am. Merganser, 3; Cooper's Hawk, 1; Rough-legged Hawk, 1; Golden Eagle, 3 (imm., large size, white on wing at base of primaries, and broad wings identified them, seen at about 40-50 yds., perched in tree); Marsh Hawk, 8; Sparrow Hawk, 7; California Quail, 148 (partly est.); Pheasant, 16; Coot, 42 (partly est.); Killdeer, 12; Wilson's Snipe, 30; Greater Yellow-legs, 8; Belted Kingfisher, 5; Red-shafted Flicker, 13; Hairy Woodpecker, 1; Downy Woodpecker, 4; Horned Lark, 36 (est.); Am. Magpie, 45; Crow, 62 (partly est.); Long-billed Marsh Wren, 3; Mountain Bluebird, 1; Loggerhead Shrike, 3; Audubon's Warbler, 2; English

Sparrow, 162 (partly est.); Western Meadowlark, 1; Brewer's Blackbird, 4687 (mostly est.); Spotted Towhee, 3; Slate-colored Junco, 16; Oregon Junco, 50 (partly est.); Gambel's Sparrow, 56 (partly est., called White-crowned Sparrow last year); Song Sparrow, 25. **Total,** 37 species; approximately 5632 individuals.—FRITZ JENSEN, DANIEL R. SHAWE.

Ruby Lake National Wildlife Refuge, Ruby Valley, Nev. (17 miles along west side of lake; marsh, sage brush, willows, wild rose-brush, snowberry brush and open meadows).—Dec. 28; 8 A.M. to 4 P.M. Cloudy; 6-in. snow; wind south, moderate to strong; intermittent snow flurries; temp. 30° at start, 28° at return. One observer. Total hours afield, 8 (2 by car, 6 on foot); total miles, 25 (20 by car, 5 on foot). Pied-billed Grebe, 1; Great Blue Heron, 1; Whistling Swan, 41; Canada Goose, 50; Mallard, 1000 (est.); Gadwall, 10; Baldpate, 2; Pintail, 1; Green-winged Teal, 500 (est.); Ring-necked Duck, 3; Am. Golden-eye, 3; Buffle-head, 6; Sharp-shinned Hawk, 1; Cooper's Hawk, 1; Red-tailed Hawk, 1; Am. Rough-legged Hawk, 5; Ferruginous Rough-leg, 1; Golden Eagle, 1; Bald Eagle, 1; Marsh Hawk, 15; Prairie Falcon, 1; Sparrow Hawk, 1; Coot, 5; Wilson's Snipe, 10; Great Horned Owl, 1; Piñon Jay, 1; Magpie, 20; Raven, 100 (est.); Clark's Nutcracker, 1; Black-capped Chickadee, 2; Dipper, 2; Bohemian Waxwing, 100 (est.); English Sparrow, 10; Meadowlark, 1; Lark Sparrow, 10. **Total,** 35 species; about 1909 individuals.—HERBERT H. DILL.

Everson, Wash. (southwest ½ square mile, bounded by Everson-Goshen and Central Roads).—Dec. 25; 8 A.M. to 12 M., 1 to 4 P.M. Clear; ground frozen in spots; wind moderate to strong, northeast; temp. 34° at start, 40° at finish. Two observers. Total miles afoot, 5; total hours afoot, 7. Mallard, 5; Buffle-head, 1; Ruffed Grouse, 3; Pheasant, 3; Gairdner's Woodpecker, 1; Crow, 24; Oregon Chickadee, 4; Bush-Tit, 4; Winter Wren, 1; Seattle Wren, 6; Golden-crowned Kinglet, 25; Western Meadowlark, 1; Brewer's Blackbird, 75; Redpoll, 5; Pine Siskin, 75; Oregon Towhee, 5; Junco, 52; Song Sparrow, 5. **Total,** 18 species; 295 individuals.—REBECCA GERSTENBERG, ZELLA MCMANNAMA.

Seattle, Wash. (Govt. Locks to Golden Gardens to Carkeek Park; Green Lake; University of Washington campus, swamp and arboretum; Madison Park to Leschi Park; Madrona Park to Lakewood; Schmitz Park, tidelands and north side of West Seattle; Alki Point to Lincoln Park; east and south end of Lake Washington; Volunteer Park and vicinity; Blue Ridge).—Dec. 21; 8 A.M. to 5 P.M. Overcast, with occasional rain; moderate southwest wind; temp. 43° at start, 46° at close. Twenty-one observers working in 14 parties. Total hours afield, 69½ (62 afoot, 4½ by canoe, 3 by car); total miles afield, 97 (79½ afoot, 5½ by canoe, 12 by car). Lesser Loon, 8; Pacific Loon, 8; Holboell's Grebe, 32; Horned Grebe, 44; Eared Grebe, 7; Western Grebe, 170; Pied-billed Grebe, 35; White-crested Cormorant, 14; Brandt's Cormorant, 28; Baird's Cormorant, 18; Great Blue Heron, 11; Bittern, 2; Canada Goose, 4; Snow Goose, 2; Mallard, 388; Gadwall, 6; Baldpate, 82; Pintail, 6; Green-winged Teal, 131; Shoveller, 371; Canvas-back, 61; Greater Scaup, 513; Lesser Scaup, 724; Am. Golden-eye, 234; Barrow's Golden-eye, 6; Buffle-head, 179; Harlequin Duck, 18; White-winged Scoter, 418; Surf Scoter, 294; Ruddy Duck, 320; Hooded Merganser, 6; Am. Merganser, 127; Red-breasted Merganser, 81; Goshawk, 1; Sharp-shinned Hawk, 3; Cooper's Hawk, 3; Marsh Hawk, 1; Sparrow Hawk, 4; Ruffed Grouse, 2; California Quail, 196; Pheasant, 45; Virginia Rail, 2; Coot, 3966; Killdeer, 202; Wilson's Snipe, 3; Western Sandpiper, 4; Glaucous-winged Gull, 2080; Herring Gull, 11; California Gull, 34; Ring-billed Gull, 101; Short-billed Gull, 99; Bonaparte's Gull, 31; Pigeon Guillemot, 4; Marbled Murrelet, 2; Band-tailed Pigeon, 162; Rock Dove, 639; Short-eared Owl, 2; Belted Kingfisher, 6; Flicker, 93; Hairy Woodpecker, 2; Downy Woodpecker, 11; Steller's Jay, 15; Crow, 88; Oregon Chickadee, 208; Chestnut-backed Chickadee, 43; Mountain Chickadee, 28; Bush-Tit, 359; Red-breasted Nuthatch, 1; Winter Wren, 37; Seattle Wren, 40; Tule Wren, 8; Robin, 4934; Varied Thrush, 17; Western Bluebird, 12; Townsend's Solitaire, 1; Golden-crowned Kinglet, 188; Ruby-crowned Kinglet, 55; Pipit, 65; Cedar Waxwing, 112; Audubon's Warbler, 1; English Sparrow, 79; Meadowlark, 36; Red-wing, 102; Brewer's Blackbird, 130; Purple Finch, 117; Pine Siskin, 806; Goldfinch, 141; Oregon Towhee, 60; Savannah Sparrow, 1; Slate-colored Junco, 5; Oregon Junco, 603; White-crowned Sparrow, 5; Golden-crowned Sparrow, 2; Song Sparrow, 483. **Total,** 94 species; 20,839 individuals.—MR. and MRS. EDWARD JOHNSON, MR. and MRS. ALBERT FORSMAN, E. D. LUMLEY, H. W. HIGMAN, DENNIS BODDY, MAX CANNON, MRS. J. I. COLWELL, KATE THOMPSON, GEORGE FAHEY, MRS. BERTHA SCHULER, VIOLET CANNON, WARREN FLOCK, EARL J. LARRISON, WALTER HAGENSTEIN, BERNICE JENNINGS, MR. and MRS. JAMES GROVE, ELIZABETH TERREL, CLOTILDE WILSON (Seattle Audubon Society).

Spokane, Wash. (city parks, cemeteries, Spokane River, up-river pump station to Seven Mile Bridge, various residential areas, region south of city to Paradise Prairie along Hangman Creek).—Dec. 21; 9 A.M. to 3 P.M. Sky overcast; ground bare; no wind; temp. 30° to 34°. Thirteen observers in 4 groups. Total miles, 72 by car, about 18 afoot. Treganza's Heron, 4; Greater Scaup, 3; Am. Golden-eye, 100; Buffle-head, 3; Hooded Merganser, 9; Am. Merganser, 15; Sharp-shinned Hawk, 4; Bald Eagle, 1; European Partridge, 15; Pheasant, 11; Rock Dove, 1000 (est.—probably many more); Belted Kingfisher, 2; Red-shafted Flicker, 31; Hairy Woodpecker, 2; Downy Woodpecker, 6; Am. Magpie, 13; Long-tailed Chickadee, 39; Red-breasted Nuthatch, 45; Pygmy Nuthatch, 100; Dipper, 2; Robin, 225; Western Bluebird, 2; Townsend's Solitaire, 1; Golden-crowned Kinglet, 13; Bohemian Waxwing, 2600; Audubon's Warbler, 1 (positive identification—Sloanaker); English Spar-

row, 137; Red-wing, 30; Common Redpoll, 115; Bendire's Crossbill, 57; Oregon Junco, 87; Fox Sparrow, 1; Song Sparrow, 19. **Total,** 32 species; approximately 4693 individuals.—Mr. and Mrs. William B. Wright, Mrs. Cora Roberts, Mrs. Archie Clough, J. L. Sloanaker, Mr. and Mrs. S. O. Stanley, H. D. Thompson, Mrs. E. L. Dennis, Mattie Burke, Mrs. A. I. Buchecker, Mrs. A. J. Castle, Belle Bothwell.

Willapa National Wildlife Refuge, Ilwaco, Wash. (Naselle River bridge, south one-half of Willapa Bay, and along east side of peninsula to Nachotta Dock, shore line, tidal bays and marshes, and fringes of alder, spruce-hemlock woods).—Dec. 26; 7.30 A.M. to 4 P.M. Sunshine; breezy and cold; temp. 19° at start, 34° at return. One observer. Total hours afield, 7 (3 by car, 4 on foot); total miles, 36 (7 on foot, 29 by car). Pacific Loon, 4; Eared Grebe, 5; Western Grebe, 11; Brandt's Cormorant, 16; Northwestern Coast Heron, 9; Canada Goose, 34; Cackling Goose, 7; Black Brant, 615; Mallard, 14; Baldpate, 325; Pintail, 85; Green-winged Teal, 16; Canvas-back, 130; Greater Scaup, 210; Am. Golden-eye, 56; Buffle-head, 165; White-winged Scoter, 112; Surf Scoter, 90; Ruddy Duck, 80; Hooded Merganser, 3; Am. Merganser, 8; Red-tailed Hawk, 2; Golden Eagle, 2; Marsh Hawk, 1; Duck Hawk, 2; Sparrow Hawk, 3; Dusky Grouse, 2; Ruffed Grouse, 1; Coot, 7; Killdeer, 23; Wilson's Snipe, 18; Red-backed Sandpiper, 4200 (est.); Sanderling, 16,000 (est.); Northern Phalarope, 40 [no details—Ed.]; Glaucous-winged Gull, 170; Western Gull, 210; Herring Gull, 300; Short-billed Gull, 45; Belted Kingfisher, 9; Northwestern Flicker, 14; Red-breasted Sapsucker, 2; Harris's Woodpecker, 1; Steller's Jay, 5; Am. Raven, 2; Crow, 135; Oregon Chickadee, 13; Winter Wren, 16; Seattle Wren, 7; Robin, 4; Golden-crowned Kinglet, 21; Red-wing, 15; Brewer's Blackbird, 58; Oregon Junco, 18; Song Sparrow, 56. **Total,** 54 species; approximately 23,397 individuals.—W. Grant McFarland (Fish and Wildlife Service).

La Grande, Ore. (Grande Ronde Valley and Ladd's Canyon, and the surrounding highlands).—Dec. 26; 7 A.M. to 5 P.M. Partly cloudy; ground bare in valley; up to 4 inches of snow above 3500 feet; calm; temp. 25° at start, 26° at noon. Seven observers in 3 parties. Total hours afield, 14 (2½ by car, 11½ on foot); total party miles, 66 (60 by car, 6 on foot). Great Blue Heron, 1; Mallard, 258; Am. Merganser, 1; Goshawk, 1; Red-tailed Hawk, 3; Golden Eagle, 1; Marsh Hawk, 12 (9 ♀s, 3♂s); Sparrow Hawk, 3; Richardson's Grouse, 3; Ruffed Grouse, 1; European Partridge, 6; Valley Quail, 101; Pheasant, 37; Killdeer, 16; Wilson's Snipe, 7; Mourning Dove, 5; Screech Owl, 2; Pygmy Owl, 1 (watched in open for 5 minutes by A. S. H. and H. C. through 6× glasses at a distance of 40 feet; one collected Dec. 6 by A. S. H.); Red-shafted Flicker, 27; Pileated Woodpecker, 1; Hairy Woodpecker, 2; Horned Lark (subsp.?), 1; Black-headed Jay, 2; Am. Magpie, 46; Raven, 3; Crow, 143; Black-capped Chickadee, 2; Mountain Chickadee, 30; Slender-billed Nuthatch, 5; Red-breasted Nuthatch, 5; Brown Creeper, 2; Winter Wren, 3; Robin, 52; Golden-crowned Kinglet, 3; Cedar Waxwing, 6; Northern Shrike, 2; English Sparrow, 86; Western Meadowlark, 2; Red-wing, 56; House Finch, 25; Red Crossbill, 40; Nevada Towhee, 1; Oregon Junco, 38; Tree Sparrow, 1 (seen at close range in good light through 6× glasses by A. S. H.); Song Sparrow, 66. **Total,** 45 species; 1109 individuals.—Mrs. C. A. Kopp, Mrs. H. Cleaver, Eva Wear, C. W. Quaintance, Harvey Carter, A. Sidney Hyde (La Grande Nature Club), and John Warnstaff.

Malheur National Wildlife Refuge, Burns, Ore. (from Grain Camp south to P Ranch via Boca Lake by automobile, then afoot and by automobile along Blitzen River to Page Diversion Dam, then by automobile to Frenchglen and along west edge of refuge to Five-Mile Springs, thence by automobile to Bridge Creek via East Side Canal and return—various short trips made on foot).—Dec. 28; 9 A.M. to 4.20 P.M. Clear and sunshine to 12 M.; overcast to 3 P.M.; snowing to 4.20 P.M.; about 2-in. snow on ground; slight breeze 2 to 4.20 P.M.; temp. 24° at start, 28° at return. Two observers working in 1 party. Total party hours, 14; total party miles, 50 (6 miles afoot, 44 by car). Farallon Cormorant, 3; Treganza's Heron, 37; Black-crowned Night Heron, 3; Canada Goose, 732; Mallard Duck, 362; Gadwall, 63; Baldpate, 51; Pintail, 86; Green-winged Teal, 117; Shoveller, 8; Ring-necked Duck, 3; Canvas-back, 17; Lesser Scaup, 8; Buffle-head, 6; Ruddy Duck, 12; Hooded Merganser, 6; Am. Merganser, 2; Sharp-shinned Hawk, 1; Cooper's Hawk, 3; Red-tailed Hawk, 7; Am. Rough-legged Hawk, 101 (exceptional concentration); Ferruginous Rough-leg, 3; Golden Eagle, 6; Bald Eagle, 1; Marsh Hawk, 56; Prairie Falcon, 2; European Partridge, 16; Valley Quail, 113; Pheasant, 506; Coot, 7; Wilson's Snipe, 2; Horned Owl, 1; Short-eared Owl, 9; Belted Kingfisher, 3; Red-shafted Flicker, 8; Hairy Woodpecker, 1; Am. Magpie, 92; Am. Raven, 87; Crow, 2; Grinnell's Chickadee, 3; Marsh Wren, 2; Robin, 282; Townsend's Solitaire, 3; Northern Shrike, 1; Loggerhead Shrike, 2; English Sparrow, 72; Red-wing, 8; Brewer's Blackbird, 35; Red-backed Junco, 352 [Oregon Junco?—Ed.]; Song Sparrow, 92. **Total,** 50 species; 3395 individuals.—George M. Benson, John C. Scharff (Fish and Wildlife Service).

Portland, Ore. (15-mile diameter circle centered in city).—Dec. 28; 8 A.M. to 4.30 P.M. Clear; light snow covering part of district; moderate east wind; temp. 30° at start, 40° at return. Sixty-seven observers in 17 parties. Total party hours afield, 124 (73 afoot, 35 by car, 11 by bicycle, 5 by boat); total party miles, 466 (91 afoot, 294 by car, 56 by bicycle, 25 by boat). Western Grebe, 2; Pied-billed Grebe, 5; Farallon Cormorant, 75; Great Blue Heron, 31; Green Heron, 4; Canada Goose, 2; Mallard, 2041; Gadwall, 3; Baldpate, 2002; Pintail, 320; Green-winged Teal, 456; Shoveller, 64; Redhead, 6; Ring-necked Duck, 4; Canvas-back, 16; Lesser Scaup, 163; Buffle-head, 48; Ruddy Duck, 2; Hooded Merganser, 4; Am. Merganser, 36; un-

identified ducks, 183; Sharp-shinned Hawk, 8; Cooper's Hawk, 5; Red-tailed Hawk, 9; Prairie Falcon, 1 (Dean McBride); Sparrow Hawk, 60; Bob-white, 50; California Quail, 2; Pheasant, 187; Coot, 267; Killdeer, 367; Wilson's Snipe, 9; Spotted Sandpiper, 1 (Norbert Leupold); Glaucous-winged Gull, 1303; Herring Gull, 42; California Gull, 216; Ring-billed Gull, 191; Short-billed Gull, 792; unidentified gulls, 1913; Band-tailed Pigeon, 5; Mourning Dove, 51; Screech Owl, 1; Belted Kingfisher, 4; Red-shafted Flicker, 267; hybrid flicker, 1; Red-breasted Sapsucker, 5; Harris's Woodpecker, 1; Gairdner's Woodpecker, 37; Canada Jay, 1; Steller's Jay, 24; Am. Magpie, 1; Crow, 1279; Oregon Chickadee, 330; Chestnut-backed Chickadee, 50; Bush-Tit, 332; Slender-billed Nuthatch, 14; Red-breasted Nuthatch, 32; Brown Creeper, 9; Winter Wren, 91; Seattle Wren, 102; Robin, 6127; Varied Thrush, 43; Russet-backed Thrush, 1 [no details—Ed.]; Western Bluebird, 79; Golden-crowned Kinglet, 1051; Ruby-crowned Kinglet, 97; Pipit, 252; Cedar Waxwing, 41; Shrike, 1; Hutton's Vireo, 9; Myrtle Warbler, 30; Audubon's Warbler, 104; English Sparrow, 995; Meadowlark, 36; Red-wing, 8; Brewer's Blackbird, 720; Western Tanager, 4 (Earl A. Marshall, Mella White); Evening Grosbeak, 21; California Purple Finch, 204; House Finch, 63; Pine Siskin, 1511; Willow Goldfinch, 93; Green-backed Goldfinch, 57; Crossbill, 42; Oregon Towhee, 143; Savannah Sparrow, 1; Oregon Junco, 2326; White-crowned Sparrow, 20; Golden-crowned Sparrow, 93; Fox Sparrow, 17; Song Sparrow, 1024. **Total,** 89 species; 28,740 individuals.—Mr. and Mrs. Earl A. Marshall, Mr. and Mrs. J. W. C. Williams, Mella White, Clara Nelson, Norbert Leupold, Louis Oberton, Mr. and Mrs. C. L. Marshall, Mr. and Mrs. T. D. Kirkpatrick, Clyde L. Keller, Clyde L. Keller, Jr., Waldo Ek, W. R. Laurance, Ben Layman, Helen Layman, W. J. Williams, Mrs. F. C. Blakeslee, Mrs. F. Bartlett, O. E. Wheeler, David Marshall, Albert Marshall, Mr. and Mrs. Leo F. Simon, Lotus Simon, Henry Steinbrugge, Robt. Driesner, William Telfer, Lawrence L. Schramm, W. A. Eliot, N. G. Seaman, Arlie Seaman, Mrs. Ruth Whitney, B. A. Thaxter, Dr. Carl Hagquist, Gardner Biscoe, Mrs. Susie J. Nicholson, Isabel Wildes, Joyce Wildes, Esther Maegly, Louise Linthicum, Eve MacVeagh, Mrs. Rogers MacVeagh, Mr. and Mrs. W. H. Crowell, Kenneth Leatherman, James W. Bee, A. N. Vaughn, Faye Randle, P. E. Lewis, Paul Stenzel, Dean McBride, Mrs. Mamie Campbell, Bill Kiel, Mr. and Mrs. H. A. Eimstad, Robt. Livingstone, Jr., Ernest Livingstone, Joyce MacRae, Dr. and Mrs. T. H. Adams, Mr. and Mrs. T. T. Munger, Ed. F. Averill, Harold Gilbert (Oregon Audubon Society).

Big Bear Lake, Calif. (desert scrub, willows, and cottonwoods at Box S and Cushenbury Springs on north slope of San Bernardino Mountains, through pinyon belt, and pine forests on shores of Baldwin and Big Bear Lakes and south slope through Santa Ana Canyon, all within 15-mile area; altitude 3600 to 7500 feet).—Dec. 28; 6.30 A.M. to 4.45 P.M. Partly cloudy in A.M.; depth of snow ranging from trace on desert to over 1 foot in Bear Valley; snowing heavily in Bear Valley and raining heavily at lower desert levels at end of census period; Baldwin Lake nearly all frozen; Big Bear Lake one-third frozen; no wind in desert in A.M.; no wind in Santa Ana Canyon in A.M.; brisk wind at Big Bear; temp. 26° at start on desert, 17° at start in Santa Ana Canyon, approx. 36° at noon at Big Bear. Four observers in 2 parties. Total hours afield, 16¾ (6½ afoot, 10¼ by car); total party miles, 89½ (9½ afoot, 80 by car). No attempt has been made to distinguish between subspecies and names used refer to species as a whole. Eared Grebe, 700 (est.); Great Blue Heron, 2; Baldpate, 200 (est.); Pintail, 1; Canvas-back, 2500 (est.); Ruddy Duck, 7; Am. Merganser, 350 (est.); Cooper's Hawk, 1; Prairie Falcon, 1; Sparrow Hawk, 2; Mountain Quail, 4+; Coot, 40,000 (est.); Killdeer, 1; Ring-billed Gull, 9; Band-tailed Pigeon, 300 (est.); Horned Owl, 1; Red-shafted Flicker, 36; California Woodpecker, 5; Lewis's Woodpecker, 63; Hairy Woodpecker, 4; Ladder-backed Woodpecker, 2; Nuttall's Woodpecker, 1; White-headed Woodpecker, 6; Steller's Jay, 17; California Jay, 13; Piñon Jay, 100s Clark's Nutcracker, 1; Mountain Chickadee, 38; Plain Titmouse, 3; Bush-Tit, 20; White-breasted Nuthatch, 6; Pygmy Nuthatch, 34; Creeper, 2; Wren-Tit, 11; Dipper, 1; Bewick's Wren, 6; Cactus Wren, 13; Cañon Wren, 1; Rock Wren, 2; California Thrasher, 3; Leconte's Thrasher, 1; Robin, 34; Hermit Thrush, 1; Western Bluebird, 17; Townsend's Solitaire, 3; Ruby-crowned Kinglet, 12; Am. Pipit, 1; Loggerhead Shrike, 5; Audubon's Warbler, 2; English Sparrow, 10; Red-wing, 15; Brewer's Blackbird, 20; California Purple Finch, 4; House Finch, 46; Pine Siskin, 40; Common Goldfinch, 1; Green-backed Goldfinch, 5; Spotted Towhee, 44; Bell's Sparrow, 2 (watched for 20 minutes at 25 feet with 10× binoculars, seen with Sage Sparrow in binoculars at same time—Murdock); Sage Sparrow, 5; Slate-colored Junco, 2 (watched for 15 minutes at 12 feet with 10× binoculars—Berry, Murdock); Oregon Junco, 300 (est.); Gambel's Sparrow, 222; Fox Sparrow, 21; Song Sparrow, 3. **Total,** 65 species; approximately 45,283 individuals.—Arthur Berry, Mr. and Mrs. Howard Cogswell, James Murdock.

Davis, Calif. (fields and wooded creek banks 1 to 4 miles west of Davis; flooded rice fields 8 to 10 miles northeast of Davis).—Dec. 23; 6.50 A.M. to 5.30 P.M. Partly cloudy; calm; temp. 44° at start, 46° at return. Observers separate for 3 hours and together for 7½ hours. Total party miles on foot, 10; by car, 32. Pied-billed Grebe, 6; Great Blue Heron, 8; Am. Egret, 17; Snowy Egret, 1; Green Heron, 1; Black-crowned Night Heron, 8; Am. Bittern, 3; Whistling Swan, 20; Canada Goose, 5000 (est.); Lesser Canada Goose, 15,000 (est.); Cackling Goose, 10+; White-fronted Goose, 30,000 (est.); Lesser Snow Goose, 80,000 (est.); Ross's Goose, 20+; Mallard, 50+; Baldpate, 75+; Pintail, 50,000 (est.); Green-

winged Teal, 30+; Shoveller, 50+; Redhead, 2; Ring-necked Duck, 1; Canvas-back, 25; Lesser Scaup, 40; Am. Golden-eye, 3; Ruddy Duck, 100; Turkey Vulture, 1; Sharp-shinned Hawk, 1; Cooper's Hawk, 2; Red-tailed Hawk, 19; Red-bellied Hawk, 2; Ferruginous Rough-leg, 2; Marsh Hawk, 19; Prairie Falcon, 3; Sparrow Hawk, 39; Valley Quail, 55; Pheasant, 156; Florida Gallinule, 8; Coot, 2070; Killdeer, 45; Wilson's Snipe, 60; Red-backed Sandpiper, 20; Glaucous-winged Gull, 2; California Gull, 6; Mourning Dove, 50; Barn Owl, 1; Screech Owl, 2; Burrowing Owl, 2; Short-eared Owl, 5; Belted Kingfisher, 4; Red-shafted Flicker, 129; California Woodpecker, 24; Downy Woodpecker, 1; Nuttall's Woodpecker, 9; Black Phoebe, 10; Horned Lark, 90; California Jay, 17; Yellow-billed Magpie, 9; Crow, 160; Bush-Tit, 15; Slender-billed Nuthatch, 3; House Wren, 7; Bewick's Wren, 1; Long-billed Marsh Wren, 1; Mockingbird, 14; Robin, 684; Varied Thrush, 3; Hermit Thrush, 2; Western Bluebird, 16; Mountain Bluebird, 5; Blue-gray Gnatcatcher, 5; Ruby-crowned Kinglet, 101; Am. Pipit, 86; Cedar Waxwing, 23; California Shrike, 16; Yellow Warbler, 1 (brightly-colored male observed under favorable conditions at close range); Myrtle Warbler, 11+; Audubon's Warbler, 391; Yellow-throat, 1; English Sparrow, 67; Western Meadowlark, 156; Nevada Red-wing, 2000+; Bicolored Red-wing, 150+; Brewer's Blackbird, 344; Cowbird, 3; House Finch, 103; Pine Siskin, 1; Willow Goldfinch, 65; Green-backed Goldfinch, 198; Spotted Towhee, 56; Brown Towhee, 6; Savannah Sparrow, 150; Lark Sparrow, 2; Oregon Junco, 196; White-crowned Sparrow, 569; Golden-crowned Sparrow, 39; Fox Sparrow, 1; Lincoln's Sparrow, 32; Rusty and Modesto Song Sparrows, 92. **Total,** 99 species and subspecies; approximately 189,109 individuals.—JOHN T. EMLEN, JR. and ROBERT W. STORER.

Los Angeles, Calif. (territory same as 1937–1940 area; section radiating 7½ miles from La Cienega and Airdrome Crossing, due to military restrictions, many of our usual observation grounds were closed to us, including city reservoirs; some sloughs have been filled in).—Dec. 21; 7 A.M. to 4.30 P.M. Sky clear in A.M., clouding in P.M.; cold, gusty wind blowing all day, averaging 20 m.p.h.; temp. 50° at start, 56° at finish. Sixteen observers in 7 parties. Total hours afield, 43 (32 on foot, 11 by car); total party miles, 76 (17 on foot, 59 by car). Pacific Loon, 1; Red-throated Loon, 2; Horned Grebe, 2; Eared Grebe, 60; Western Grebe, 40; Pied-billed Grebe, 15; Brown Pelican, 21; Farallon Cormorant, 26; California Heron, 3; Am. Egret, 25; Snowy Egret, 9; Green Heron, 1; Black-crowned Night Heron, 30; Am. Bittern, 1; Lesser Canada Goose, 2; Mallard, 4; Gadwall, 1; Baldpate, 18; Pintail, 347; Green-winged Teal, 10; Cinnamon Teal, 2; Shoveller, 235; Ring-necked Duck, 1; Canvas-back, 5; Lesser Scaup, 472; White-winged Scoter, 30; Surf Scoter, 273; Ruddy Duck, 179; Red-breasted Merganser, 57; Sharp-shinned Hawk, 4; Cooper's Hawk, 1; Red-tailed Hawk, 10; Marsh Hawk, 4; Sparrow Hawk, 25; California Quail, 63; Light-footed Rail, 1; Coot, 235; Snowy Plover, 43; Killdeer, 159; Black-bellied Plover, 196; Black Turnstone, 5; Wilson's Snipe, 1; Long-billed Curlew, 2; Hudsonian Curlew, 32; Spotted Sandpiper, 1; Willet, 662; Greater Yellow-legs, 3; Least Sandpiper, 360; Red-backed Sandpiper, 12; Eastern Dowitcher, 10; Long-billed Dowitcher, 206 (intensive close-up study of above 2 dowitchers —Kent); Western Sandpiper, 219; Marbled Godwit, 482; Sanderling, 136; Avocet, 149; Glaucous-winged Gull, 27; Western Gull, 34; Herring Gull, 1; California Gull, 113; Ring-billed Gull, 366; Bonaparte's Gull, 55; Heermann's Gull, 40; Forster's Tern, 11; Band-tailed Pigeon, 1; Mourning Dove, 28; Chinese Spotted Dove, 21; Ringed Turtle Dove, 6; Road-runner, 1; Short-eared Owl, 1; White-throated Swift, 10; Anna's Hummingbird, 62; Belted Kingfisher, 4; Red-shafted Flicker, 34; California Woodpecker, 5; Nuttall's Woodpecker, 1; Black Phoebe, 44; Say's Phoebe, 5; California Jay, 43; San Diego Titmouse, 17; Bush-Tit, 201; Wren-Tit, 80; House Wren, 1; Bewick's Wren, 29; Marsh Wren, 22; Mockingbird, 30; California Thrasher, 31; Robin, 8; Varied Thrush, 5; Hermit Thrush, 10; Western Bluebird, 205; Western Gnatcatcher, 24; Ruby-crowned Kinglet, 42; Am. Pipit, 60; California Shrike, 15; Dusky Warbler, 1; Audubon's Warbler, 1312; Yellow-throat, 19; English Sparrow, 97; Western Meadowlark, 67; Red-wing, 27; Brewer's Blackbird, 727; Purple Finch, 4; House Finch, 699; Willow Goldfinch, 31; Green-backed Goldfinch, 56; Spotted Towhee, 32; Brown Towhee, 112; Savannah Sparrow, 32; Belding's Sparrow, 48; Large-billed Sparrow, 5; Lark Sparrow, 65; Rufous-crowned Sparrow, 1; Junco, 12; Chipping Sparrow, 2; Gambel's Sparrow, 348; Golden-crowned Sparrow, 19; Fox Sparrow, 5; Song Sparrow, 133. **Total,** 118 species; 10,440 individuals (est.).—MR. and MRS. W. A. KENT, HOWARD L. COGSWELL, ARTHUR L. BERRY, MIRIAM S. FADDIS, BESS M. HOFFMAN, ANNE WALDEN, EVELYN MCDOWELL, BESS ARCHBALD, MRS. WALTER HUMPHREYS, MRS. BEATRICE WISE NIELSEN, MRS. MARY B. SALMON, LAURA GREELY, MRS. MAY WAITE, MRS. O. M. STULTZ, CAROLINE H. DAUGHERTY (representing Los Angeles Audubon Society, Pasadena Audubon Society, Southwest Bird Study Club).

Monterey Peninsula Region, Calif. (Laguna del Rey and chaparral area 1 mile southeast, Hotel Del Monte grounds, El Estero in Monterey, Monterey harbor from S. P. depot to a point on beach 1½ miles east, Hopkins Marine Station, Pacific Grove waterfront west to Point Aulon, thence via 17 Mile Drive to Carmel, sections of oak-studded fields at foot of Jack's Peak, area in vicinity of Carmel Valley road at a point 3.3 miles east of intersection with State Highway No. 1 and at a point 7 miles east of same intersection, section of pine-filled canyon at north city limit of Carmel, Carmel Beach, Carmel Lagoon, and Point Lobos; all counts made within a 11¼-mile diameter and only at the places indicated).—Dec. 28; 7.05 A.M. to 7.05 P.M. Rain, thunderstorm, hail, cloudy, with about 45 min. of sunshine; wind south, sometimes reaching gale force; temp. 53° at start, 54° at return. Two

observers in 2 parties. Total hours afield, 19 (3¾ afoot, 6 by car, and 9¼ making counts at specified places); total party miles, 29 (9 afoot, 20 by car; on additional transportation mileage no counts were made). Common Loon, 5; Pacific Loon, 7; Red-throated Loon, 10; Holboell's Grebe, 2; Horned Grebe, 6; Eared Grebe, 13; Western Grebe, 48; Pied-billed Grebe, 23; Brown Pelican, 495; Brandt's Cormorant, 141; Pelagic Cormorant, 16; Great Blue Heron, 1; Black-crowned Night Heron, 9; Mallard, 12; Green-winged Teal, 4; Cinnamon Teal, 1; Canvas-back, 70; Lesser Scaup, 1; White-winged Scoter, 7; Surf Scoter, 471; Ruddy Duck, 74; Hooded Merganser, 2; Am. Merganser, 1; Red-breasted Merganser, 23; Cooper's Hawk, 2; Red-tailed Hawk, 5; Red-bellied Hawk, 4; Sparrow Hawk, 8; California Quail, 44; Virginia Rail, 7; Sora, 1; Coot, 115; Black Oyster-catcher, 9; Snowy Plover, 2; Killdeer, 7; Surf-bird, 5; Black Turnstone, 22; Wilson's Snipe, 4; Spotted Sandpiper, 1; Sanderling, 81; Glaucous-winged Gull, 405; Western Gull, 421; Herring Gull, 115; California Gull, 814; Ring-billed Gull, 2; Short-billed Gull, 205; Bonaparte's Gull, 2; Heermann's Gull, 51; Ancient Murrelet, 1; Band-tailed Pigeon, 60; Mourning Dove, 12; Barn Owl, 1; Burrowing Owl, 1; White-throated Swift, 75, Anna's Hummingbird, 19; Belted Kingfisher, 4; Red-shafted Flicker, 20; California Woodpecker, 21; Hairy Woodpecker, 2; Nuttall's Woodpecker, 1; Black Phoebe, 8; Say's Phoebe, 6; Horned Lark, 8; Violet-green Swallow, 12; California Jay, 17; Yellow-billed Magpie, 6; Crow, 1; Chestnut-backed Chickadee, 14; Plain Titmouse, 3; Bush-Tit, 16; Pygmy Nuthatch, 5; Brown Creeper, 1; Wren-Tit, 12; House Wren, 2; Winter Wren, 3; Bewick's Wren, 10; Long-billed Marsh Wren, 5; California Thrasher, 9; Robin, 41; Varied Thrush, 5; Hermit Thrush, 12; Western Bluebird, 4; Blue-gray Gnatcatcher, 8; Ruby-crowned Kinglet, 22; Am. Pipit, 18; Cedar Waxwing, 3; Hutton's Vireo, 7; Myrtle Warbler, 4; Audubon's Warbler, 67; Townsend's Warbler, 7; Yellow-throat, 2; English Sparrow, 4; Western Meadowlark, 200; Red-wing, 210; Tricolored Red-wing, 300; Brewer's Blackbird, 36; California Purple Finch, 6; House Finch, 110; Pine Siskin, 1; Goldfinch (*tristis*), 1; Spotted Towhee, 11; Brown Towhee, 6; Savannah Sparrow, 16; Oregon Junco, 56; White-crowned Sparrow, 171; Golden-crowned Sparrow, 45; Fox Sparrow, 3; Lincoln's Sparrow, 1; Song Sparrow, 22. **Total,** 109 species; 5528 individuals. (Note: names used refer to species as a whole and do not imply any particular racial form).—Frank G. Watson, Laidlaw Williams.

Oakland, Calif. (Mills College and near vicinity, Leona Heights, Sequoia Park, area adjacent to Skyline Boulevard south of Sequoia Park, Lake Merritt and Bay Farm Island).—Dec. 21; 7.30 A.M. to 4.30 P.M. Clear in early morning, becoming overcast by noon with light rain in early afternoon; light variable wind; temp. 40° at start, 48° at return. Observers in 3 groups. Total miles afield, 30 (18 afoot, 12 by automobile); total hours afield, 16 (11½ afoot, 4½ by automobile). Red-throated Loon, 4; Horned Grebe, 1; Eared Grebe, 150 (est.); Western Grebe, 10; Pied-billed Grebe, 25; Brown Pelican, 1; Farallon Cormorant, 6; Great Blue Heron, 2; Am. Egret, 2; Black-crowned Night Heron, 1; Mallard, 80; Baldpate, 500 (est.); Pintail, 600 (est.); Canvas-back, 800 (est.); Scaup (sp.?), 2000 (est.); Am. Golden-eye, 80; Buffle-head, 1; White-winged Scoter, 1; Surf Scoter, 150 (est.); Ruddy Duck, 100; Red-breasted Merganser, 2; Sharp-shinned Hawk, 1; Red-tailed Hawk, 8; Marsh Hawk, 1; Sparrow Hawk, 7; California Quail, 30; Calif. Clapper Rail, 4; Coot, 500 (est.); Semipalmated Plover, 1; Killdeer, 3; Black-bellied Plover, 27; Willet, 89; Greater Yellow-legs, 1; Least Sandpiper, 80; Red-backed Sandpiper, 300 (est.); Long-billed Dowitcher, 30; Western Sandpiper, 100; Marbled Godwit, 45; Sanderling, 500 (est.); Avocet, 2; Glaucous-winged Gull, 42; Western Gull, 14; Herring Gull, 5; California Gull, 40; Ring-billed Gull, 16; Short-billed Gull, 4; Bonaparte's Gull, 200 (est.); Forster's Tern, 20; Horned Owl, 1; Burrowing Owl, 1; Anna's Hummingbird, 12; Red-shafted Flicker, 18; California Woodpecker, 6; Downy Woodpecker, 1; Black Phoebe, 2; Say's Phoebe, 1; Horned Lark, 40; Steller's Jay, 6; California Jay, 22; Plain Titmouse, 8; Bush-Tit, 75; Red-breasted Nuthatch, 1; Creeper, 5; Wren-Tit, 6; Winter Wren, 4; Bewick's Wren, 3; Mockingbird, 1; California Thrasher, 2; Robin, 270; Varied Thrush, 8; Hermit Thrush, 10; Western Gnatcatcher, 1; Ruby-crowned Kinglet, 20; Am. Pipit, 6; Cedar Waxwing, 25; California Shrike, 5; Hutton's Vireo, 3; Myrtle Warbler, 10; Audubon's Warbler, 55; Townsend's Warbler, 3; Yellow-throat, 1; English Sparrow, 35; Western Meadowlark, 24; Red-wing, 55; Brewer's Blackbird, 29; California Purple Finch, 15; House Finch, 510; Pine Siskin, 20; Willow Goldfinch, 10; Green-backed Goldfinch, 7; Spotted Towhee, 15; Brown Towhee, 21; Savannah Sparrow, 6; Rufous-crowned Sparrow, 3; Oregon Junco, 40; White-crowned Sparrow, 66; Golden-crowned Sparrow, 75; Fox Sparrow, 5; Lincoln's Sparrow, 5; Song Sparrow, 21. **Total,** 100 species; 8180 (est.) individuals.—H. W. Carriger, Milton Seibert, Leroy Jensen.

Sacramento National Wildlife Refuge, Willows, Calif. (including all marsh and water areas, rice fields, and willow thickets along drains).—Dec. 22; 8 A.M. to 4.30 P.M. Cloudy; wind north, light in morning, calm in afternoon; temp. 40° at start, 46° at return. Two observers in 1 party. Total hours afield, 8 (6 by car, 2 on foot); total party miles, 62 (60 by car, 2 on foot). Eared Grebe, 3; Western Grebe, 1; Pied-billed Grebe, 19; White Pelican, 275; Farallon Cormorant, 34; Great Blue Heron, 42; Am. Egret, 41; Snowy Egret, 25; Black-crowned Night Heron, 111; Am. Bittern, 3; Whistling Swan, 9; Canada Goose, 32; Lesser Canada Goose, 99; Cackling Goose, 957; White-fronted Goose, 4784; Snow Goose, 1638; Ross's Goose, 16; Mallard, 4144; Baldpate, 7085; Pintail, 7039; Green-winged Teal, 30,947; Cinnamon Teal, 84; Shoveller, 668; Buffle-head, 3; Ruddy Duck, 70; Am. Merganser, 6; Sharp-shinned Hawk, 1; Cooper's Hawk, 1; Duck Hawk, 1; Red-tailed Hawk, 16; Marsh

Hawk, 14; Sparrow Hawk, 9; Valley Quail, 23; Pheasant, 363; Sora Rail, 1; Florida Gallinule, 2; Coot, 629; Killdeer, 2; Least Sandpiper, 157; Red-backed Sandpiper, 1; Long-billed Dowitcher, 133; Avocet, 7; California Gull, 38; Ring-billed Gull, 2; Mourning Dove, 25; Burrowing Owl, 10; Red-shafted Flicker, 23; Horned Lark, 71; Crow, 4; Bush-Tit, 8; Tule Wren, 3; Ruby-crowned Kinglet, 6; Am. Pipit, 4; Shrike, 20; Audubon's Warbler, 17; English Sparrow, 16; Western Meadowlark, 69; Yellow-headed Blackbird, 63; Red-wing, 9856; Brewer's Blackbird, 590; House Finch, 3; Sacramento Towhee, 20; Lark Sparrow, 32; Oregon Junco, 28; Gambel's Sparrow, 845; Song Sparrow, 13. **Total,** 66 species; 71,261 individuals.—PETER J. VAN HUIZEN, HARRY E. WEHR.

Salton Sea National Wildlife Refuge, Brawley, Calif. (parts of refuge, Imperial State Game Refuge, and their vicinities; open fields, fence rows, desert vegetation, mesquite and willow thickets, cattail marsh, shallow water, mud and silt flats, fresh and brackish water, all within 15-mile circle below sea level).—Dec. 21; 7 A.M. to 5.30 P.M. Fair in morning, cloudy in afternoon; temp. 56° at start, 62° at return. Three observers in 3 parties. Total hours afield, 13 (8 afoot, 5 by car); total miles, 65 (3 afoot, 62 by car). Eared Grebe, 60; Western Grebe, 12; Pied-billed Grebe, 5; White Pelican, 39; Great Blue Heron, 15; Am. Egret, 105; Snowy Egret, 97; Black-crowned Night Heron, 39; Am. Bittern, 1; White-faced Glossy Ibis, 35; Lesser Snow Goose, 744; Gadwall, 3; Baldpate, 91,000 (est.); Pintail, 169,000 (est.); Green-winged Teal, 433; Cinnamon Teal, 5; Shoveller, 69; Redhead, 3; Canvas-back, 138; Buffle-head, 1; Ruddy Duck, 54; Turkey Vulture, 29; Sharp-shinned Hawk, 11; Cooper's Hawk, 2; Red-tailed Hawk, 2; Marsh Hawk, 11; Duck Hawk, 1; Sparrow Hawk, 12; Virginia Rail, 6; Sora, 2; Coot, 131; Killdeer, 27; Black-bellied Plover, 388; Wilson's Snipe, 3; Long-billed Curlew, 125; Spotted Sandpiper, 3; Western Willet, 12; Greater Yellow-legs, 132; Least Sandpiper, 21; Marbled Godwit, 4; Avocet, 244; Black-necked Stilt, 1; Herring Gull, 48; Ring-billed Gull, 390; Mourning Dove, 102; Road-runner, 5; Burrowing Owl, 2; Red-shafted Flicker, 9; Gila Woodpecker, 4; Cactus Woodpecker, 1; Ash-throated Flycatcher, 1; Black Phoebe, 23; Say's Phoebe, 29; Vermilion Flycatcher, 4; Horned Lark, 3; Violet-green Swallow, 9; Tree Swallow, 312; Rough-winged Swallow, 3; Cliff Swallow, 1; Verdin, 7; Long-billed Marsh Wren, 8; Mockingbird, 3; Western Gnatcatcher, 4; Plumbeous Gnatcatcher, 2; Ruby-crowned Kinglet, 15; Am. Pipit, 10; Phainopepla, 8; Shrike, 38; Orange-crowned Warbler, 3; Audubon's Warbler, 48; Yellow-throat, 2; English Sparrow, 70; Western Meadowlark, 33; Yellow-headed Blackbird, 1; Red-wing, 1500 (est.); House Finch, 16; Abert's Towhee, 12; Savannah Sparrow, 1; Belding's Sparrow, 4; Sage Sparrow, 5; Gambel's Sparrow, 110; Brewer's Sparrow, 3; Song Sparrow, 3. **Total,** 86 species; approximately 265,877 individuals.—LUTHER C. GOLDMAN, JAMES MURDOCK, LEE W. ARNOLD.

San Diego, Calif. (San Diego Bay to Sweetwater Reservoir, no point more than 15 miles from any other point).—Dec. 23; 7 A.M. to 5 P.M. Partly overcast in morning, rain and brisk wind in afternoon; temp. 49° at start, 56° at finish. Observers in 3 separate groups of 4, 3 and 2. Total hours afield, 30; total automobile miles, 157; total miles afoot, 8. Common Loon, 4; Pacific Loon, 1; Red-throated Loon, 2; Horned Grebe, 3; Eared Grebe, 12; Western Grebe, 28; Brown Pelican, 16; Farallon Cormorant, 44; California Heron, 5; Am. Egret, 18; Snowy Egret, 16; Green Heron, 2; Black-crowned Night Heron, 16; Black Brant, 600 (est.); Baldpate, 20; Pintail, 2121; Green-winged Teal, 1; Shoveller, 4; Lesser Scaup, 1130 (est.); Buffle-head, 3; White-winged Scoter, 4; Surf Scoter, 460; Ruddy Duck, 28; Red-breasted Merganser, 4; Sharp-shinned Hawk, 2; Cooper's Hawk, 1; Red-tailed Hawk, 8; Ferruginous Rough-leg, 3; Golden Eagle, 1; Marsh Hawk, 6; Prairie Falcon, 1; Sparrow Hawk, 31; Valley Quail, 150; Light-footed Rail, 1; Black Rail, 1; Coot, 293; Snowy Plover, 65; Semipalmated Plover, 7; Killdeer, 80; Black-bellied Plover, 511; Ruddy Turnstone, 3; Black Turnstone, 34; Wilson's Snipe, 3; Long-billed Curlew, 21; Hudsonian Curlew, 15; Willet, 474; Greater Yellow-legs, 20; Knot, 1; Least Sandpiper, 530; Red-backed Sandpiper, 27; Long-billed Dowitcher, 121; Western Sandpiper, 3500 (est.); Marbled Godwit, 1734; Sanderling, 200; Avocet, 346; Glaucous-winged Gull, 109; Western Gull, 513; Herring Gull, 28; California Gull, 538; Ring-billed Gull, 1273; Bonaparte's Gull, 127; Heermann's Gull, 5; Forster's Tern, 58; Royal Tern, 23; Mourning Dove, 58; Road-runner, 1; Barn Owl, 1; Burrowing Owl, 5; White-throated Swift, 100; Anna's Hummingbird, 17; Belted Kingfisher, 2; Red-shafted Flicker, 5; Nuttall's Woodpecker, 1; Cassin's Kingbird, 8; Black Phoebe, 31; Say's Phoebe, 31; Horned Lark, 109; Tree Swallow, 98; California Jay, 1; Raven, 1; Plain Titmouse, 1; Bush-Tit, 83; Wren-Tit, 13; San Diego Wren, 4; Cactus Wren, 1; Tule Wren, 1; Rock Wren, 2; Mockingbird, 28; California Thrasher, 2; Hermit Thrush, 6; Western Bluebird, 19; Mountain Bluebird, 10; Western Gnatcatcher, 3; Black-tailed Gnatcatcher, 1; Ruby-crowned Kinglet, 2; Am. Pipit, 69; California Shrike, 30; Hutton's Vireo, 1; Dusky Warbler, 1; Audubon's Warbler, 170; Tule Yellow-throat, 5; English Sparrow, 105; Western Meadowlark, 159; San Diego Red-wing, 188; Tricolored Red-wing, 51; Brewer's Blackbird, 1350; Dwarf Cowbird, 518; House Finch, 396; Willow Goldfinch, 100; Green-backed Goldfinch, 138; San Diego Towhee, 3; California Towhee, 39; Savannah Sparrow, 34; Belding's Sparrow, 13; Large-billed Sparrow, 35; Vesper Sparrow, 10; Lark Sparrow, 56; Rufous-crowned Sparrow, 5; Bell's Sparrow, 2; Gambel's Sparrow, 323; Fox Sparrow, 2; Lincoln's Sparrow, 3; Song Sparrow, 7. **Total,** 123 species; about 19,864 individuals.—CLINTON G. ABBOTT, J. E. CROUCH, KEITH DIXON, FRANK F. GANDER, LAURENCE M. HUEY, MR. and MRS. ARTHUR E. HUTCHINSON, KARL KENYON, HARRY WESTON.

San Francisco, Calif. (Fisherman's Wharf, Marina, and entire western half of San Francisco

County; several military areas included in past censuses could not be covered).—Dec. 21; 9 A.M. to 4.30 P.M. Cloudy early, then continuous moderate rain from 11.30 A.M. Ten observers in 5 parties. Total party hours, 26; total party miles, 36 (15 by car, 21 on foot). Red-throated Loon, 3; Eared Grebe, 25; Western Grebe, 60; Pied-billed Grebe, 46; Brown Pelican, 12; Farallon Cormorant, 13; Brandt's Cormorant, 15; Am. Bittern, 3; Mallard, 501; Baldpate, 26; Pintail, 1; Redhead, 4; Ring-necked Duck, 205; Canvas-back, 28; Lesser Scaup, 59; Am. Golden-eye, 1; Buffle-head, 1; White-winged Scoter, 3; Surf Scoter, 26; Ruddy Duck, 101; Red-breasted Merganser, 5; Sharp-shinned Hawk, 2; Cooper's Hawk, 1; Sparrow Hawk, 4; California Quail, 62; Florida Gallinule, 1; Coot, 585; Snowy Plover, 35; Killdeer, 2; Black Turnstone, 12; Sanderling, 158; Glaucous-winged Gull, 694; Western Gull, 461; California Gull, 716; Ring-billed Gull, 6; Short-billed Gull, 146; Bonaparte's Gull, 5; Band-tailed Pigeon, 1; Anna's Hummingbird, 40; Belted Kingfisher, 1; Red-shafted Flicker, 20; California Woodpecker, 1; Black Phoebe, 18; California Jay, 4; Raven, 2; Chestnut-backed Chickadee, 60; Bush-Tit, 3; Brown Creeper, 3; Bewick's Wren, 3; Long-billed Marsh Wren, 1; Robin, 150; Hermit Thrush, 14; Golden-crowned Kinglet, 32; Ruby-crowned Kinglet, 42; Am. Pipit, 5; Orange-crowned Warbler, 1; Audubon's Warbler, 273; Townsend's Warbler, 8; Yellow-throat, 5; English Sparrow, 63; Brewer's Blackbird, 269; Purple Finch, 2; House Finch, 66; Spotted Towhee, 17; Oregon Junco, 142; White-crowned Sparrow, 449; Golden-crowned Sparrow, 21; Fox Sparrow, 11; Song Sparrow, 27. **Total,** 69 species; 5783 individuals.—ELVIRA ANDERSEN, ENID AUSTIN, CHRISTINE DANZ, JUNEA KELLY, HERMAN V. LEFFLER, ARTHUR H. MYER, MR. and MRS. A. B. STEPHENS, MR. and MRS. F. G. WATSON (members Audubon Association of the Pacific).

San Jose, Calif. (Toyon Road in East San Jose, Alum Rock Park (auto road) and Zanker Road, through Alviso salt marshes).—Dec. 28; 9 A.M. to 4.30 P.M. Rain all day; strong wind; cold. Four observers. Total miles afield, 12 (2 afoot, 10 by car). Great Blue Heron, 1; Am. Egret, 8; Lesser Scaup, 32; Sharp-shinned Hawk, 1; Red-tailed Hawk, 2; Sparrow Hawk, 3; Pheasant, 1; Coot, 25; Killdeer, 8; Black-bellied Plover, 12; Willet, 10; Least Sandpiper, 300+; Red-backed Sandpiper, 50; Western Sandpiper, 100+; Marbled Godwit, 5; Avocet, 3; Ring-billed Gull, 200+; Mourning Dove, 19; Anna's Hummingbird, 2; Red-shafted Flicker, 5; California Woodpecker, 2; Lewis's Woodpecker, 3; Black Phoebe, 4; Say's Phoebe, 1; California Jay, 14; Steller's Jay, 8; Crow, 18; Chestnut-backed Chickadee, 1; Plain Titmouse, 5; Bush-Tit, 46; White-breasted Nuthatch, 1; Wren-Tit, 4; Dipper, 3; Bewick's Wren, 2; Cañon Wren, 2; Mockingbird, 2; California Thrasher, 2; Robin, 575+; Varied Thrush, 12; Hermit Thrush, 15; Western Bluebird, 18; Ruby-crowned Kinglet, 27; Am. Pipit, 60+; Cedar Waxwing, 52; Loggerhead Shrike, 7; Audubon's Warbler, 315; Myrtle Warbler, 7; English Sparrow, 1; Western Meadowlark, 316; Red-wing, 500+; Brewer's Blackbird, 745+; Purple Finch, 1; House Finch, 35; Green-backed Goldfinch, 266; Spotted Towhee, 2; Brown Towhee, 5; Savannah Sparrow, 1; Oregon Junco, 12; White-crowned Sparrow, 64; Golden-crowned Sparrow, 8; Song Sparrow, 8. **Total,** 61 species; approximately 3957 individuals.—EMILY SMITH, DR. MATTHEW VESSEL, MRS. GRACE BRUBAKER, EDWIN WELZ (Santa Clara Valley Audubon Society).

Ventura, Calif. (section of Ventura River bed about 1 mile from mouth, inundated salicornia meadows and open fields along Pierpont bluffs, beach along Pierpont Bay, Santa Clara River mouth and lagoons, Rincon beach, Ventura river mouth).—Dec. 28; 11 A.M. to 5 P.M. Overcast of low clouds bringing intermittent light rains; moderate breeze; temp. 48° at start, 47° at return. Three observers in 1 party. Total party hours afield, 6 (5¼ on foot, ¾ by car); total party miles, 16½ (3½ on foot, 13 by car). Western Grebe, 1; Pied-billed Grebe, 2; Brown Pelican, 3; Am. Egret, 3; Snowy Egret, 7; Ruddy Duck, 11; Turkey Vulture, 1; White-tailed Kite, 4; Marsh Hawk, 1; Sparrow Hawk, 2; California Quail, 9; Pheasant, 1; Coot, 400±; Snowy Plover, 8; Killdeer, 4; Wilson's Snipe, 2; Willet, 10; Sanderling, 18; Glaucous-winged Gull, 12; Western Gull, 35; California Gull, 4; Ring-billed Gull, 22; Heermann's Gull, 1; Caspian Tern, 1; Barn Owl, 1; Burrowing Owl, 1; Short-eared Owl, 1; Anna's Hummingbird, 2; Red-shafted Flicker, 3; Black Phoebe, 7; Say's Phoebe, 2; Crow, 1; Bush-Tit, 8; Mockingbird, 2; Western Gnatcatcher, 4; Pipit, 1; Loggerhead Shrike, 1; Audubon's Warbler, 11; Yellow-throat, 1; English Sparrow, 5; Western Meadowlark, 36; Red-wing, 12; House Finch, 10; Brown Towhee, 8; White-crowned Sparrow, 60±; Song Sparrow, 5. **Total,** 46 species; approximately 744 individuals.—RALPH VORIS, HUGH SANDERS, HAROLD SCOTT (Ventura Jr. College Conservation Club).

Yosemite Valley, Yosemite National Park, Calif. (Mirror Lake, 4000 ft. elevation to El Portal, 2000 ft. elevation; 15 miles' distance).—Dec. 22; 9 A.M. to 4 P.M. Partly cloudy, no wind; min. temp. 33°, max. 44°. Eight observers working in 4 parties. Total miles afoot, 24; total hours afoot, 17. Red-tailed Hawk, 2; Pygmy Owl, 3; Belted Kingfisher, 4; Red-shafted Flicker, 2; Pileated Woodpecker, 2; California Woodpecker, 13; Modoc Woodpecker, 4; Nuttall's Woodpecker, 1; White-headed Woodpecker, 1; Blue-fronted Jay, 33; Long-tailed Jay, 4; Short-tailed Chickadee, 89±; Plain Titmouse, 6; Bush-Tit, 50±; Red-breasted Nuthatch, 4; Creeper, 6; Wren-Tit, 25±; Dipper, 4; Robin, 6; Hermit Thrush, 4; Russet-backed Thrush, 4 (seen at El Portal at close range with 8×30 glasses, buffy eye-ring distinctly observed—Parker); Bluebird, 16; Golden-crowned Kinglet, 79±; Ruby-crowned Kinglet, 20; Audubon's Warbler, 3; Purple Finch, 14; Sacramento Towhee, 1; Brown Towhee, 3; Thurber's Junco, 170±. **Total,** 29 species; approximately 573 individuals.—MRS. MARY TRESIDDER, MRS. DELLA HOSS, MRS. RUTH KNOWLES, MRS. GRACE EWING, KATHARINE JOHNSON, H. C. PARKER, M. E. BEATTY, C. F. BROCKMAN.

Honolulu, Hawaii

There will be no Christmas Bird Count from the Honolulu Audubon Society this year. Owing to traveling restrictions, we are unable to carry out our plans for today.

Matters are a little unsettled at present, but as soon as we can we shall carry on with Audubon work. Our field trips will be curtailed, but we hope soon to be able to resume our meetings.

HONOLULU AUDUBON SOCIETY
J. d'Arcy Northwood, President

December 21, 1941.

Washington, D. C.

I wonder if other Christmas census takers underwent hardships (for the sake of science) such as happened to two of the Fish and Wildlife Service men who spent one Sunday morning in Maryland taking a census, or trying to do so.

I cannot vouch for the accuracy of the following account, reported to me by a Naval Commander and a Coast Guardsman, who picked up Phil DuMont and Bob McClanahan, wandering along the Potomac River on the Naval Torpedo Range with binoculars, and with notebook and pencil in hand. I do know that when we left them early in the morning it was cold and I must admit they were a couple of tough-looking customers; both were well padded and in general gave the impression of a couple of men from Mars. They recall that as they walked along the road at dawn they kept hearing passing motorists mumble about "parachute troops," "invaders," and so on, but didn't think much about it. As they told us about it afterwards, they didn't seem to mind that the belligerent-looking group of officials (warned by numerous telephone calls) not alone escorted them from the range but seemed confused by their credentials and badges which indicated that they belonged to the Fish and Wildlife Service, the Biological Survey, the Department of the Interior, the Department of Agriculture, etc.; they complained particularly that when apprehended they were at the very point of positively identifying a Brown-headed Nuthatch. In acknowledgment of this explanation of their activities one gob replied "Oh yeah? Well, it's the 'booby-hatch' for you guys!"

January 27, 1942. James O. Stevenson

San Diego, Calif.

The annual bird count was this year affected in more ways than one by the war clouds that hang over the San Diego region. Not only were large areas along the coast closed to the census takers, but the observers themselves were halted no less than five times on suspicion of being saboteurs or spies! Nine persons, traveling in three cars, were questioned either once or twice by soldiers who acted on reports turned in to them.

In all cases, both soldiers and sailors seemed to have full and accurate descriptions, and we will admit that the birdmen must have looked suspicious with their binoculars and record sheets. In each instance, however, we were treated with every courtesy when means of identification had been produced and the situation explained. In fact, one of the police officers had a friendly chat with one of our group whom he recalled from days of mutual activity in Boy Scout work. The soldiers, on the other hand, seemed to think bird counting was a rather foolish pastime.

Clinton G. Abbott, Director
January 19, 1942. Natural History Museum

Wells River, Vt.

It might interest you to learn that the vicissitudes of war were encountered in taking the Audubon Christmas Bird Census. First, the two innocent enumerators, while passing through a railroad yard and pausing to look through field glasses at ducks on the Connecticut River, aroused the suspicions of distant observers and the police were summoned, post haste. Fortunately, the senior observer was known to the accompanying ranking railroad official and the ornithologists were not placed in duress vile, as was the case with their distinguished 'forefather,' Alexander Wilson, in the town across the New Hampshire boundary about 1813. At that time the nation was also at war and suspected espionage was the cause. History, in some measure, tends to repeat itself. "Suspicious characters" was the description applied to the 1941 devotees of ornithology, a term ill befitting the clerical profession of the junior observer.

Noon found us in a woodland bog, in sphagnum where the unwary literally sink in rare instances into the fossil state. Here the heavier of the two observers became mired and was extricated with difficulty. In order to avoid further pitfalls, the one guiding the party deviated from his usual course and became lost in the approximately twelve square miles of forest. Eventually the pair emerged into open country as the first evidences of approaching dusk appeared in the forest.

To cap the climax, rain began falling and, freezing as it fell, made locomotion extremely hazardous for both pedestrians and automobiles. The two managed to reach the senior observer's home and the junior observer had to remain through the night, foregoing the joys of Christmas preparation with his family.

January 20, 1942. Wendell P. Smith

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